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REPORT

FROM

THE COMMISSIONER OF PATENTS,

SHOWING

The operations of the Patent Office during the year 1840.

FEBRUARY 3, 1841.

Ordered to be printed.

PATENT OFFICE, *January, 1841.*

SIR: In obedience to the act to promote the useful arts, the Commissioner of Patents has the honor to submit his annual report.

Four hundred and seventy-three patents have been issued during the year 1840, including sixteen additional improvements to former patents, of which classified and alphabetical lists are annexed, marked A and B.

During the same period, three hundred and twenty-one patents have expired, as per list marked C.

The applications for patents during the year past amount to seven hundred and sixty-five, and the number of caveats filed was two hundred and twenty-eight.

The receipts of the office for 1840 amount to \$38,056 51; from which may be deducted \$7,173 31, paid on applications withdrawn, as per statement D.

The ordinary expenses of the Patent Office for the past year, including payments for library and for agricultural statistics, were \$23,982 45; leaving a surplus of \$6,900 75 to be credited to the patent fund, as per statement marked E.

For the restoration of models, records, and drawings, under the act of March 3, 1837, \$7,864 91 have been expended, as per statement marked F.

The whole number of patents issued by the United States, previous to January, 1841, is eleven thousand nine hundred and eighty-two.

During the past year, the Commissioner of Patents has removed into the new building, which is both commodious and secure against fire; and the patented models are classified and exhibited in suitable glass cases. The National Gallery is ready for the exhibition of models and specimens, and cases are being prepared to preserve the same against injury or loss by exposure. I am happy to say that the mechanics and manufacturers are improving the opportunity to present the choicest contributions; and, from the encouragement given, no doubt is entertained that the hall, considered by some so spacious, will, in a short time, be entirely filled; presenting a display of national skill and ingenuity not surpassed by any exhibition in the world.

The basement story affords equal room for the exhibition of agricultural implements and seeds.

By the felicitous advantage of the National Gallery, the Commissioner will be enabled to restore the models of the useful arts ; and, without this assistance, other efforts would be unsuccessful.

It will readily be perceived that a patentee, whose patent has expired, has little interest to restore his model ; and patriotic feeling and the compensation offered are not sufficient to induce him to comply with the wishes of the office. An appeal, however, to the mechanic and manufacturer to exhibit in the National Gallery such specimens as they may think useful, is cheerfully responded to ; and a restoration of the most important models will thus be effected almost gratuitously, and the liberal appropriation made for this object be chiefly saved to the Treasury.

In my last report, the necessity of an appropriation for the library, and to defray the expenses incurred by order of Congress on publishing a digest of the patents issued by the United States, was mentioned. The bill for these objects passed one branch of the National Legislature, but was not reached in the regular order of business in the other. It is presumed that the present session will furnish the means so necessary to the successful discharge of the duties devolving on the Commissioner.

The small appropriation made in 1839, for statistics and other agricultural purposes, has limited the expenses of the Commissioner to the sum granted. Upwards of 30,000 packages of seeds have been distributed during the last year ; and, from the gratification expressed by those who have received them, the most favorable anticipations are indulged that the effort thus made has met the cordial and thankful acknowledgments of the agricultural community. When the seeds collected in the remote parts of the globe, together with those more easily procured, shall arrive, and be distributed, still further gratification and benefit may be expected.

In his last report, the Commissioner of Patents mentioned that the minute inquiries propounded by the honorable Secretary of State, in the taking of the census, would render much expenditure unnecessary on the part of this office to procure the data of accurate calculations for agricultural statistics. These statistics are in a state of forwardness, but cannot be completed within the time prescribed for the annual report from the Patent Office. I shall, therefore, beg leave to transmit the statistics as soon as the same can be got ready. In the mean time, I cannot omit to notice the surprising amount of agricultural products in the United States ; nor the importance of an annual report of the state of the crops in different sections, as a preventive against monopoly, and a good criterion to calculate the state of exchange.

The occupation of the new Patent Office has necessarily increased the contingent expenses the present year ; and the ordinary protection of a watch for the building, and assistance in the care of the additional rooms, must somewhat increase the disbursements of this bureau. I am happy, however, to say that the earnings of the office will be fully adequate to meet not only present expenses, but all others contemplated in the reorganization of the Patent Office. And, while the cost of the new building has exceeded so much the estimate of the Commissioner, in consequence of a change of the material and the manner of erecting it, it may be gratifying to know that, during the last five years, the receipts of the Patent

Office, after paying all ordinary expenses, is upwards of \$75,000 ; which has been credited to the patent fund, and stands appropriated expressly for the promotion of the arts and sciences in the United States.

I have the honor to be, with the highest respect, your obedient servant,

HENRY L. ELLSWORTH.

Hon. R. M. JOHNSON,
President of the Senate.

A.

Classified list of letters patent granted during the year 1840, with the names of patentees, place of residence, and date of patent.

CLASS I.—AGRICULTURE, INCLUDING INSTRUMENTS AND OPERATIONS.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Bee-hive - - -	Robert Martin -	Fairfield, Ohio -	May 19.
Bee-hive - - -	Martin Engel -	Easton, Pennsylvania -	April 15.
Butter, working and pressing - - -	Titus D. Gail -	Eden, New York -	October 10.
Churn - - -	Allen & William A. -	-	-
- - -	Crowell -	Salisbury, Conn. -	June 20.
Churn - - -	Constant Webb -	Wallingford, Conn. -	November 26.
Corn shellers - - -	Porter A. Gladwin -	Chester, Conn. -	April 24.
Cultivators - - -	Noah Barnes -	Easthampton, N. Y. -	September 10.
Grubs and brushes, extracting from land - - -	Young William Short -	Oglethorpe county, Ga. -	January 28.
Hoes, garden - - -	Charles S. Homer -	Boston, Massachusetts -	May 8.
Hulling, husking, and shelling corn - - -	Samuel S. Allen -	Miamisburg, Ohio -	January 15.
Hulling machines - - -	James McGregor -	Saratoga, New York -	May 12.
Hulling oats, barley, &c. - - -	J. Andrews & E. Piper -	Camden, Maine -	December 10.
Hulling rice, &c. - - -	Warner Groat -	Troy, New York -	August 28.
Hulling rice, machinery for - - -	Daniel Tomlinson -	Brookfield, Conn. -	May 12.
Hulling rice, machinery for - - -	William C. Grimes -	York, Pennsylvania -	October 8.
Mowing machine - - -	Seth Lamb -	New York -	June 20.
Mowing, cutting grass under water - - -	Jacob Hinds -	Hindsburg, N. Y. -	September 5.
Plough - - -	William Bryant -	Davidson co., Tenn. -	March 31.
Plough, combined - - -	Jonathan Knodle -	Bakersville, Md. -	April 8.

Plough, hillside	-	Daniel Gochinour, jr.	Conemaugh, Penn.	June 12.
Plough, shares and cutters of, constructing and fastening	-	Mahlon Smith	Tinicuri, Penn.	January 28.
Seeding, planting corn, &c.	-	Samuel W. Cole	Chelsea, Mass.	August 25.
Seeding, planting machines	-	Martin Nichols	Clearfield, Penn.	October 16.
Seeding, seed-planters	-	{ Lorenzo Bachelder	Hampstead, N. H.	} April 30.
Seeding, seed-planters	-	{ Sam'l L. Bachelder	Haverhill, Mass.	
Seeding, seed-planters	-	Thomas J. Lewis & George F. Lewis	Boston, Mass.	June 27.
Seeding, seed-planters	-	Thomas J. Lewis & George F. Lewis	Boston, Mass.	June 27.
Seeding, seed-planters	-	Joseph Gibbons	Adrian, Michigan	August 25.
Seeding, seed-planting machine	-	George Page	Baltimore, Md.	May 25.
Seeding, sowing cotton-seed	-	Levin Miner & Nicholas Felts	Yanceyville, N. C.	July 18.
Smut machine	-	Jacob Russell	Jenner, Penn.	April 24.
Smut machine	-	Hiram Smith	New York	July 31.
Smut machine	-	Amos Adams	Port Henry, N. Y.	August 3.
Smut machine	-	John Burch	Millport, N. Y.	August 22.
Smut machine, cleaning grain	-	Samuel Spangler	Stony Creek, Penn.	May 19.
Smut machine, cleaning grain, &c., by machinery	-	Edward Bradfield	Rochester, N. Y.	September 19.
Straw-cutters	-	Joseph Worley	Hawkins co., Tenn.	June 20.
Straw-cutting, feeding and pressing the straw	-	Israel W. Graff	Lampeter, Penn.	April 30.
Thrashing machine	-	David Stafford	Syracuse, N. Y.	May 19.
Thrashing machine	-	James Cummings	Canonsburg, Penn.	December 10.
Thrashing machine, conducting the straw and grain from the thrasher	-	Luther Whitman	Winthrop, Maine	August 25.
Thrashing machine, removing straw and separating the grain in	-	John Criswell	Cecil, Penn.	November 26.
Thrashing machine, shaking the screen in	-	Jesse Lincoln	Uniontown, Penn.	May 8.
Trees, protecting from the canker-worm	-	Daniel Newhall	Lynn, Mass.	October 31.

A.—LIST OF PATENTS GRANTED DURING THE YEAR 1840—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Winnowing machine - - -	Abel & Asahel Lomax	Clinton county, Ohio -	May 8.
Winnowing, separating garlic from grain - -	William C. Grimes -	York, Penn. - -	September 3.
Winnowing, separating garlic from wheat -	Jonathan F. Barrett -	North Granville, N. Y. -	October 31.

CLASS II.—METALLURGY, AND MANUFACTURES OF METALS AND INSTRUMENTS THEREFOR.

Bands, key for tobacco casks - - -	James M. Talbott	Richmond, Virginia -	September 14.
Brads, cutting - - -	Henry Waterman	New York - -	January 10.
Buckles and clasps - - -	William Church	Birmingham, England -	February 18.
Catches, oblique, &c., forming on plates, &c., of cast-iron - - -	Jordon L. Mott	New York - -	December 1.
Clasps of carpet bags - - -	James Sellers & A. L. Penrock - -	Philadelphia, Penn. -	May 25.
Dies, for making iron door-knobs, and of plate-metal - - -	Lucien E. Hicks	Middletown, Conn. -	June 27.
Forges and furnaces, apparatus for blowing -	James A. Stewart	Springfield, Tenn. -	August 18; ante-dated July 1.
Furnaces, puddling, for manufacturing iron with anthracite coal - - -	Thomas Cooper	New York - -	August 25.
Furnaces, smelting, heating the blast of - - -	William H. Phillips	Brooklyn, N. Y. - -	August 28.
Knobs, glass, for doors, &c. - - -	Francis Draper	East Cambridge, Mass. -	September 10.
Latch, door - - -	Benj. W. Bosworth	Warren, R. I. - -	March 6.
Latch, door - - -	Oliver Judd	Cherry Valley, N. Y. -	December 10.

Latch, knob, for doors, &c.	-	-	Lewis & Willis Hotchkiss	Derby, Conn.	March 6.
Latch, thumb	-	-	Philos, Eli W., & John A. Blake	New Haven, Conn.	July 21.
Locks, alarm, for doors, &c.	-	-	David Edwards	McConnellsville, O.	August 12.
Locks for doors	-	-	Peter Rogers	Philadelphia, Penn.	September 25.
Lock, door and other	-	-	August Prutzmann	Philadelphia, Penn.	September 5.
Lock and key	-	-	Wm. Morret Williams	England	December 1.
Nails, brads, &c., cutting	-	-	George W. Strong and Jonathan Dodge, assignees of Walter Hunt	New York	November 13.
Nails, wrought	-	-	Theophilus Somerby	Wells, Me.	January 22.
Nails and spikes, wrought	-	-	John McCrone	Ellicott's Mills, Md.	February 21.
Padlocks for mail-bags, &c.	-	-	Solomon Andrews	Perth Amboy, N. J.	December 5.
Pipes, machinery for making continuously from lead	-	-	Geo. Escol Sellers	Upper Darby, Penn.	December 17.
Puddle-balls, &c., rolling, in the manufacture of iron	-	-	Henry Burden	Troy, N. Y.	December 10.
Punching sheet-iron for stove pipes	-	-	Samuel Davis	Mifflin, Penn.	February 21.
Rivets, machinery for making	-	-	Oliver Edes & Andrew Holmes	Braintree, Mass.	April 24.
Rivets, making	-	-	Alpheus Forbes & Fitch W. Taylor, assignees of Charles Lyon & Alpheus Forbes	New York	September 2.
Saws, circular, cutting the teeth of	-	-	Eleazer Carver	Bridgewater, Mass.	August 12.
Saws, filing and smoothing the teeth of	-	-	Eleazer Carver	Bridgewater, Mass.	August 12.
Spikes, heading	-	-	William Thomas	Hingham, Mass.	March 14.
Spikes, hook or brad-headed	-	-	Henry Burden	Troy, N. Y.	Sept'r 2; ante-dated March 2.

A.—LIST OF PATENTS GRANTED DURING THE YEAR 1840—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Spring-bolt for door and other locks	George W. & Ezra B. Robinson	Boston, Mass.	June 10.
Spring, door	William W. Smith & Benj. Mulliken, jr.	-	-
Spring, door, for closing doors, gates, &c.	Gardner Barton, jr.	New York	November 13.
Stove-pipe, mouldings, &c., making	John Farrar	Shaftsbury, Vt.	July 1.
Wrench, screw	Hawley D. Clapp, assignee of Henry W. Hewet	Cuyahoga, O.	September 2.
Wrench, screw	Stephen Kane & Thos. and James Keane	New York	June 27.
		New York	August 12.

CLASS III.—MANUFACTURES OF FIBROUS AND TEXTILE SUBSTANCES, INCLUDING MACHINES FOR PREPARING FIBRES OF WOOL, COTTON, SILK, FUR, PAPER, ETC.

Braiding machine	Dudley D. Sacket	Westfield, Mass.	January 22.
Braiding manilla and other fibrous substances	Daniel, Jesse, & Elisha Fitzgerald	-	-
Cloth, &c., machine for reducing worn out	Reuben Daniels	New York	April 24.
Cloth, stretching, in the process of fulling	Baxter D. Whitney & George W. Lawton	Woodstock, Vt.	October 10.
Cloth, taking wrinkles out of while fulling	John Tillou	Winchendon, Mass.	March 25.
Cloth of various kinds, manufacturing	Reuben Daniels	New Haven, Conn.	December 14.
		Woodstock, Vt.	October 8.

Cocoeneries, removing the filth from hurdles	Benjamin Beuson	Smyrna, Del.	January 10.
Cordage, clothes' line, stretching and preserving -	E. Allyn & C. B. Hildreth	Boston, Mass.	November 26.
Cotton-waste, or rags, &c., dressing	Emery Smith	North Sudbury, Mass.	September 10.
Felt-cloths, without spinning and weaving, machinery for	Thomas Robinson Williams	Citizen U. S., now in London	December 14.
Flax and hemp, preparing, &c.	Sands Olcott	New Hope, Penn.	March 31.
Flax and hemp, reducing the fibres of	Sands Olcott	Philadelphia, Penn.	April 11.
Gin, cotton	Fores McCarthy	Demopolis, Ala.	July 3.
Gin, cotton, constructing and affixing the ribs to	Asa Copeland	Bridgewater, Mass.	April 8.
Hair, curled, carding and picking	Francis Harding	Cleveland, O.	August 25.
Hats, bonnets, &c., ironing and pressing	Richard Murdock	Baltimore, Md.	June 17.
Hats, bonnets, &c., straw, pressing and finishing	William Chaplin	New York	September 10.
Hats, buoyant, used as life-preservers	Samuel White	England	October 14.
Hats, palm-leaf, pressing	Chester Gorham	Barre, Mass.	March 3.
Hemp, &c., preparing and spinning	Moses Day	Roxbury, Mass.	April 30.
Hemp, tarring slivers or bands of, machinery for, and making oakum	William Montgomery	Boston, Mass.	August 28.
Knitting stockings, machine for	Benjamin Hutchinson	Springfield, Mass.	October 22.
Loom, heddle stuff, for making weaver's eye harness	John Thorpe & Wm. G. Angell	Providence, R. I.	February 26.
Loom, heddle metallic	Charles Strong	Hartford, Vt.	April 24; antedated January 21.
Loom, power, weaving figured counterpanes, &c.	Erastus B. Bigelow	Lancaster, Mass.	April 24.
Loom, shuttles for weaving cloth	James Baldwin	Nashua, N. H.	January 31.
Loom, temple, rotary	George Draper	Palmer, Mass.	October 28.
Paper, card, making	Edward L. Perkins	Boston, Mass.	July 10.
Paper-engine	William Dickinson	Worcester, Mass.	September 3.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Paper, making, ruling, and cutting at one operation - - -	John Ames -	Springfield, Mass.	July 31.
Paper, sizing; (patent Dec. 1, 1837, cancelled) -	John Ames -	Springfield, Mass.	October 22.
Rags, boiling and washing - - -	George Spafford -	Windham, Ct.	September 2.
Silk, machine for skeining - - -	George Heritage -	Chesterstown, Md.	November 26.
Silk, reeling from the cocoons, machine for -	George Heritage -	Chesterstown, Md.	December 19.
Spinning, flier for twisting silk, &c. - - -	Edward L. Young -	Norfolk, Va.	October 8.
Spinning, self-acting mule for - - -	Daniel Lapham, adm'r of Benj. Lapham, dec'd	Adams, Mass. -	September 25.
Spinning silk, &c., from the cocoons, machinery for - - -	William Mason -	Taunton, Mass.	October 8.
Stuffs, &c., machinery for the manufacture of -	George Heritage -	Chesterstown, Md.	December 19.
Wool, cleaning from burrs, &c., and ginning cotton - - -	Thomas R. Williams -	Newport, R. I., now in London -	April 24.
Wool, cotton, &c., picking and opening - -	Milton D. Whipple -	East Douglass, Mass. -	October 28.
Yarn, washing and cleaning - - -	George C. Kellogg & Phineas Gillett -	New Hartford, Ct.	April 30; antedat- ed Oct. 30, 1839.
	Sands Olcott -	Philadelphia, Pa.	April 11.

Alkali, extracting from ashes in the manufacture of potass -	Jacob Osborn -	Elyra, Ohio -	July 18.
Cement for covering buildings, &c. -	Jacob Bump -	Kirtland, Ohio -	September 3.
Composition for rendering leather water-proof -	Charles F. Miller -	Baltimore, Md. -	August 28.
Distilling, cooling the mash used in the process of Dyeing yarn from the beam; (patent Sept. 25, 1838, cancelled) -	Allen D. Ward -	Minerva, Ky. -	November 7.
Gas, purifying for illumination -	William Spencer -	Massachusetts -	May 28.
Lead, white, manufacture of -	Daniel Garnet -	Richfield, N. Y. -	June 27.
Lead, white, manufacture of -	Smith Gardner -	New York -	August 28.
Lead, white, preparing -	Horace Cory -	England -	October 8.
Oil, lamp, ascertaining the quantity of -	James N. Trovillo -	Christiansburg, Va. -	March 31.
Paint, galvanic, protecting iron from rust -	John W. Harris -	Dorchester, Mass. -	September 3.
Paints or pigments, improvement in -	Lewis Knapp -	New York -	July 1.
	Francis G. Spilsbury, Fanny Corbam, and Alexander S. Byrne -	England -	July 10; antedated Oct. 7, 1839.
Salt kettles, constructing and setting -	Chs. C. P. Crosby -	Brooklyn, N. Y. -	January 11.
Soap frames -	Joseph Bolton Doe -	London, Eng. -	Mar. 31; antedated June 14, 1838.
Solutions, decoction, evaporating, &c. -	James W. W. Gordon -	Baltimore, Md. -	October 8.
Tallow, preparing, for manufacture of candles -	John Kirkman -	New York -	Oct. 31; antedated July 2.

CLASS V.—CALORIFIC, COMPRISING LAMPS, FIRE-PLACES, STOVES, GRATES, FURNACES FOR HEATING BUILDINGS, COOKING APPARATUS, PREPARATION OF FUEL, ETC.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Boilers for heating water, &c.	Daniel L. Pickard	Hartland, N. Y.	October 14.
Cabooses, ships', and other working stoves	Lofis Wood	New York	November 26.
Caldron and furnace combined	Gordon S. Mott	New York	December 1.
Candlestick, improvement in	William Church	Citizen U. S. now in England	March 28.
Chimneys, draught of	George H. Crosby	New Haven, Ohio	January 28.
Coffee-roaster	Abel Stillman	Poland, N. Y.	December 28.
Cooking, apparatus for	Joshua Grime	Beekmantown, N. Y.	December 28.
Cooking ranges	Herbert H. Stimpson	Boston, Mass.	March 14.
Cooking steam-boilers and evaporators	{ Dudley Marvin and Oran W. Seely	New York city	{ August 28.
Cooking-stoves	William Jeanes	Sodus, N. Y.	May 25.
Cooking-stoves	William Gallup	Philadelphia, Pa.	June 10.
Cooking-stoves	Samuel W. Cole	Norwalk, Ohio	August 25.
Cooking-stoves	James Still	Chelsea, Mass.	September 19.
Cooking-stoves	Samuel L. Chasc	Zanesville, Ohio	September 25.
Cooking-stoves	R. G. Cochran	Woodstock, Vt.	October 10.
Cooking-stoves	James Parmale	Francistown, N. H.	October 14.
Cooking-stoves, (patent Feb'y 3, 1836, cancelled)	Daniel Williams	Ogden, N. Y.	November 21.
Cooking-stoves	David H. Hilliard	Troy, N. Y.	November 26.
Cooking-stoves	Jordan L. Mott	Cornish, N. H.	December 17.
Cooking-stoves		New York	

Cooking-stoves -	William Melsheimer -	Philadelphia, Penn.	December 19.
Cooking-stoves -	Joel Green -	Rochester, N. Y.	December 28.
Cooking-stoves, burning bituminous coal, &c.	William B. Lawrence -	Cincinnati, O.	October 14.
Cooking-stoves, draught, &c., in	Horace Strickland -	Bradford, Vt.	June 27.
Cooking-stoves with double fire-places	Reuben Jackson -	Zanesville, O.	March 19.
Cooking-stoves having elevated ovens	Lester Tilden -	Barre, Vt.	July 18.
Cooking-stoves, elevated ovens of	John W. Williston & Willard A. Arnold -	Northampton, Mass.	August 25.
Cooking-stoves, Franklin, &c.	Joel Houghton -	Ogden, N. Y.	May 12.
Cooking-stoves, Franklin	Reuben B. Houghton -	Clarkson, N. Y.	August 25.
Cooking-stoves, flues, arranging and governing the draught in	Charles Guild -	Cincinnati, O.	June 20.
Cooking-stoves, railway, (patent July 9, 1838, cancelled)	Isaac Bucklin -	Troy, N. Y.	August 27.
Cooking-stove, railway, premium, (patent February 16, 1829, cancelled)	Peregrine Williamson -	New York	September 30.
Cooking-stove, steam-apparatus for	Peter Getz -	Lancaster, Penn.	January 11.
Drums for heating apartments	William Frazier -	Brooklyn, N. Y.	April 30.
Fire-places, to prevent their smoking	Homer Roberts -	Delhi, N. Y.	April 30.
Furnace, bakers'	Gardner Chilson -	Boston, Mass.	June 10.
Furnace, portable, for heating in bathing-tubs	Randolph Densmore -	Hopewell, N. Y.	November 26.
Heat, transmitting, by the circulation of hot water, (apparatus patented August, 1838)	Anger M. Perkins -	Citizen U. S., now in London, England	September 4.
Heating buildings, apparatus, &c.	George M. Dexter -	Boston, Mass.	December 1.
Kitchen ranges -	Ebenezer Barrows -	Rochester, Mass.	July 18.
Lamp, argand oil-burner, adapted to burn spirits of turpentine -	Charles Carr -	Philadelphia, Penn.	June 20.
Lamp, camphine	Michael B. Dyott -	Philadelphia, Penn.	August 25.
Ovens, portable, combined with stoves	Edward Gosselin -	New York	November 7.
Stoves -	John Scott -	Philadelphia, Penn.	April 8.

A.—LIST OF PATENTS GRANTED DURING THE YEAR 1840—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Stoves - - - - -	Charles R. Wheeler -	Boston, Mass.	July 18.
Stoves, fire-chambers of, mode of constructing -	Benjamin F. & Job S. Gold -	New York	July 15.
Stove, heating the air of apartments -	George C. Howe -	New York	July 10.
Stoves and kettles for making varnish, &c. -	Harmon Hibbard -	Attica, N. Y.	June 17.
Warming buildings, by converting hollow walls into flues -	John A. Stewart -	Philadelphia, Penn.	June 17.

CLASS VI.—STEAM AND GAS-ENGINES, INCLUDING BOILERS AND FURNACES THEREFOR, AND PARTS THEREOF.

Boilers, steam - - - - -	Jacob B. Eversole -	St. Louis, Mo.	March 31.
Boilers, steam, connecting of, and supplying water to the same -	Cadwallader Evans -	Pittsburg, Penn.	September 3.
Boilers, steam, of locomotive-engines -	John Penniman -	Baltimore, Md.	April 24.
Boilers, steam, supplying with water -	Benjamin M. Hyatt -	Wilmington, Del.	October 10.
Explosion in steam-boilers, preventing -	James Reid -	Pawtucket, R. I.	May 19.
Heat of blast-furnaces to steam-boilers, applying the waste -	Martin Bell -	Antis, Penn.	June 10.
Spark-catcher - - - - -	Leonard Phleger -	Philadelphia, Penn.	September 10.
Spark-catcher - - - - -	Randal Fish -	New York	October 14.
Spark-catcher - - - - -	David Ritter -	New Haven, Conn.	November 26.
Spark-catcher - - - - -	William P. McConnell -	Washington, D. C.	December 10.
Spark-catcher, (patented 10th September, 1840) -	Leonard Phleger -	Philadelphia, Penn.	December 28.

Spark-catcher	-	David Mathew	-	Schenectady, N. Y.	-	December 31.
Steam-engine, (patent April 14, 1838, cancelled)	-	William A. Lighthall	-	Albany, N. Y.	-	July 18.
Steam-engine, arranging the cylinders in double-cylinder engines, for preventing a "dead-point" in the crank	-	Caleb L. Ferris	-	Courtland, N. Y.	-	July 1.
Steam-engine, condensing apparatus of	-	Daniel Treadwell	-	Cambridge, Mass.	-	March 31.
Steam-engine, locomotive	-	Asa Whitney	-	Rotterdam, N. Y.	-	June 27.
Steam-engine, locomotive	-	Matthias W. Baldwin	-	Philadelphia, Penn.	-	December 31.
Steam-engine, locomotive, for consuming sparks	-	Francis B. Longmire & H. Jones Brooke	-	Philadelphia, Penn.	-	July 10.
Steam-engine, locomotive, and railroad-carriages	-	Alfred C. Jones	-	Philadelphia, Penn.	-	October 10.
Steam-engine, locomotive, regulating waste-steam	-	Ross Winans	-	Baltimore, Md.	-	November 26.
Steam-engine, packing for pistons, &c.	-	Charles F. Pike	-	Providence, R. I.	-	August 12.
Steam-engine, pistons of steam-cylinders, constructing, &c.	-	Matthias W. Baldwin	-	Philadelphia, Penn.	-	December 17.
Steam-engine, rotary	-	Jacob C. Robie	-	Binghamton, N. Y.	-	November 26.
Steam-engine, rotary, Drummond's	-	James Moore	-	Elizabethtown, N. J.	-	June 10.
Steam-engine, rotary packing	-	John D. Akin	-	Columbus, Penn.	-	March 19.
Steam-power, applying to locomotives, &c.	-	John Ericsson	-	Kingdom of Sweden	-	November 5.
Valves, cut off for steam-engines	-	William A. Lighthall	-	Albany, N. Y.	-	November 26.

CLASS VII.—NAVIGATION AND MARITIME IMPLEMENTS, COMPRISING ALL VESSELS FOR CONVEYANCE ON WATER, THEIR CONSTRUCTION, RIGGING, AND PROPULSION, DIVING-DRESSES, LIFE-PRESERVERS, &c.

Constructing canal-boats in sections, &c.	-	Robert Frazer	-	Waynesborough, Penn.	-	September 10.
Constructing vessels, ships and boats	-	George F. Bigelow	-	Norfolk, Virginia	-	February 18.
Constructing vessels, and propelling	-	George Burnham	-	Philadelphia, Penn.	-	December 10.
Life-preserver	-	Ralph Bulkley	-	New York	-	May 8.
Life-preserver	-	Henry B. Bourne	-	New York	-	May 8.

A.—LIST OF PATENTS GRANTED DURING THE YEAR 1840—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Life-preserver	Rufus Porter	Billerica, Mass.	May 25.
Life-preserver. <i>See class 3, hats, buoyant.</i>			
Propelling boats, &c., apparatus for, &c.	Hugh Ronalds	Albion, Illinois	December 14.
Propelling boats upon canals, &c., by steam	Mellen Battell	Albany, N. Y.	October 14.
Propelling paddle-wheels float, for boats	Francis W. Stevens	Chigwell, England	September 5.
Propelling paddle-wheels for steam and other boats	Matthew W. King	New York	January 15.
Vessels, stranded, hauling off	Thomas Bell	Bellport, N. Y.	October 22.

CLASS VIII.—MATHEMATICAL, PHILOSOPHICAL, AND OPTICAL INSTRUMENTS, INCLUDING CLOCKS, CHRONOMETERS, &c.

Alarm to clocks and other time-pieces	Benjamin Knight	Statesville, R. Island	September 10.
Alarm, fire	Rufus Porter	Billerica, Mass.	December 28.
Alarm-lock. <i>See class 2, locks.</i>			
Alarm, to protect houses from thieves	Lester E. Denison	Saybrook, Conn.	October 22.
Compass, surveying	William C. Poole	Lancaster, Penn.	July 31.
Electro-magnetic machine, &c.	Truman Cook	New York	August 25.
Lottery-schemes	Joseph Vannini	New York	July 18.
Maps, charts, &c., instruments for delineating	Amity Bailey	Newberry, S. C.	September 4.
Telegraph, electro-magnetic. <i>See class 9.</i>	Cs. Edward Jacob Des		
Watches, duplex escapement in	Combes	Baltimore, Md.	April 30.

Blinds, venetian, raising and lowering	John Weir	New York	October 8.
Blinds, window, opening and closing	George Butterfield	Hopkinton, N. H.	September 4.
Boring rocks, &c.	Simeon Pettes	Schenectady, N. Y.	July 3.
Bridge, floating swing	John N. Vrooman	Danube, N. Y.	April 15.
Bridge, truss frames for	William Howe	Warren, Mass.	July 10.
Bridge, truss-frames of, &c.	William Howe	Warren, Mass.	August 3.
Canal-locks, sluice-gates for	George W. Hildreth	New York	March 19.
Dock, dry	Charles F. Johnson	Tioga, N. Y.	March 6.
Dock, dry	John S. Gilbert	New York	May 12.
Dock, floating dry	Joseph T. Martin	New York	March 19.
Dock, floating dry	John S. Gilbert	New York	March 25.
Dock, floating dry, patented to James Peek <i>et al.</i> , 26th March, 1834	William Thomas	St. Louis, Missouri	May 19.
Dock, floating dry	John S. Gilbert	New York	September 19.
Dock, hanging	William D. Benson & E. G. Reed, assignees of George W. Wilson	New Hampshire	July 10.
Dredging machine	Oliver Allen	Norwich, Conn.	May 8.
Dredging machine	William Easby	Washington, D. C.	August 25.
Earth, removing	Jarvis Ring	Ogden, N. Y.	July 1.
Excavating ditches, canals, &c.	Joseph Hanchett	Coldwater, Michigan	February 28.
Macadamizing roads, &c., breaking stone for	Nicholas Cooper, jr., & T. W. McConnel, & Wm. E. Sukens	Wheeling tp, } Ohio Short Creek, }	June 27.
Railroad, chairs for	William Dripps	Coatesville, Penn.	April 8.
Railroad, construction of	James Herron	Baltimore, Md.	April 18.
Railroad, construction of	William Russell	New York	May 8.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Railroad, construction of power applying to propel carriages - - -	John Rangely -	Camberwell, Eng. -	Dec. 28, 1840 ; antedated Mar. 3, 1840.
Railroad, pneumatic, valves for - -	Samuel Clegg & Jacob Samuda - -	England -	December 31.
Railroad, rail or plates for ; patented Aug. 23, 1831 ; reissued Sept. 26, 1835 - -	James Stimpson -	Baltimore, Md. -	August 27.
Railroad switches - - -	Nathaniel Eaton -	Worcester, Mass. -	September 3.
Railroad switches, shifting - - -	Richard W. Sheckells -	Baltimore, Md. -	October 22.
Railroad switches, shifting - - -	Jesse La Rue -	Bristol, Pa. -	November 10.
Railroad tracks - - -	Benjamin H. Latrobe -	Baltimore, Md. -	October 8.
Railroad tracks, for cars to short curves - -	Henry M. Naglee -	Philadelphia, Pa. -	August 22.
Railroad tracks, cleaning - - -	Wm. & Jas. Thorn, jr. -	Plainfield, N. J. -	January 29.
Railroad tracks, cleaning snow from - - -	{ Joseph H. Moore - Benjamin Woodworth -	Worcester, Mass. -	{ October 31.
Railroad tracks, cleaning snow from - - -	Charles Lombaert -	Boston, Mass. -	Mar. 31 ; antedat- ed Jan. 15, 1840.
Roofs, metal, supporting - - -	Peter Naylor -	New York -	June 12.
Roofing houses - - -	William Docker -	New Orleans, La. -	December 10.
Signals by electro-magnetism - - -	Samuel F. B. Morse -	New York -	June 20.
Snags, sawing or cutting - - -	James Hamilton -	New York -	June 27.
Stumps, extracting - - -	John D. Akin -	Columbus, Pa. -	February 26.
Stumps, extracting, &c. - - -	Miles C. Mix -	Tompkins co., N. Y. -	March 31.
Stumps, extracting - - -	Frederick A. Stewart -	Catharine, N. Y. -	April 30.

Stumps, extracting	-	-	Lewis & Chas. Howard	Reading, N. Y.	September 14.
Stumps, extracting	-	-	Eleazer Marble	Wyalusing, Pa.	December 14.
Surveying, hydrographic, art of	-	-	H. Ariel Norris	New York	June 27.
Telegraph, electro-magnetic	-	-	Chas. Wheatstone & Wm. F. Cooke	Great Britain	June 10; antedated June 12, 1837.
Weather strip	-	-	Alexander Kirkpatrick	New Arkansas, N. J.	Dec. 14; antedated Nov. 20.
Wells, sinking, apparatus for	-	-	Ebenecer Rice	New York	November 26.

CLASS X.—LAND CONVEYANCE, COMPRISING CARRIAGES, CARS, AND OTHER VEHICLES USED ON ROADS, AND PARTS THEREOF.

Axles and boxes for carriage wheels	-	-	Asa R. Reynolds	Skaneateles, N. Y.	December 5.
Axles and shafts, oiling horizontal	-	-	Hiram M. Smith	Richmond, Va.	April 15.
Brakes, friction, for railroad cars, machinery for operating	-	-	John L. Clarke	Nashua, N. H.	April 11.
Brake, railroad car, preventing accidents, &c.	-	-	Matthew W. King	New York	May 8.
Brake, railroad carriages	-	-	Petrus J. O. Conway	Philadelphia, Pa.	September 10.
Carriages, or car, railroad, &c.	-	-	Isaac Newton Stanley	Philadelphia, Pa.	March 12.
Carriages, railroad, connecting and disconnecting	-	-	James Stimpson	Baltimore, Md.	December 10.
Carriages, railroad, &c., coupling irons for	-	-	Thomas G. Owen	Baltimore, Md.	July 1.
Carriages, two-wheeled	-	-	John Page	New York	Sept. 14; antedated Aug. 12.
Carriages, whipple-tree for	-	-	Benj. Fowler, jr., assignee of James Jorey	Hartford, Ct.	June 17.
Carriages, railroad. See <i>Steam-engine, class 6.</i>	-	-	Nathaniel J. Wyeth	Cambridge, Mass.	December 1.
Sleds for transporting ice in blocks	-	-	Araunah Spear	Braintree, Vt.	May 25.
Sleigh metallic runner, (patent Nov. 3, 1838, cancelled)	-	-			

A.—LIST OF PATENTS GRANTED DURING THE YEAR 1840—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Wheels, car, cast iron - - -	Wm. W. Bergstresser	Harrisburg, Pa.	January 11.
Wheels, car, constructing - -	Albert Fuller -	Providence, R. I.	October 14.
Wheel hubs, carriage, greasing, &c. -	Nathaniel C. Day -	Lunenburg, Mass.	July 10.
Wheel hubs, carriage, securing the boxes to their axles - - -	Lyman Smith, jr., & Griffin R. Waring -	Derby, Ct.	June 17.

CLASS XI.—HYDRAULICS AND PNEUMATICS, INCLUDING WATER-WHEELS, WIND-MILLS, AND OTHER IMPLEMENTS OPERATED ON BY AIR OR WATER, OR EMPLOYED IN RAISING AND DELIVERY OF FLUIDS.

Cock, stop - - -	James Robertson -	New York -	May 8.
Faucet, molasses gate - - -	Ammi West -	Greene, Me. -	August 28.
Hose, fire, stopping accidental breacities in - -	Ralph Bulkley -	New York -	May 8.
Hydraunts and fire-plugs - - -	S. H. Davies -	Cincinnati, Ohio -	July 18.
Pumps - - -	Lebbeus Caswell -	Harrison, Me. -	May 19.
Pumps - - -	Joseph Evens -	Lebanon, Ohio -	May 25.
Raising water, apparatus for producing a vacuum -	Eugene Ablon, assignee of Pierre Ravard -	Paris, France -	December 17.
Sparger, self-acting, &c. - - -	H. Jones Brooke & Francis B. Longmire	Philadelphia, Pa. -	May 8.
Water-power, supplying to buildings, extinguishing fires - - -	Lonson Bush, administrator of Isaac Lowell, deceased, of -	Erie county, } N. Y. - Pendleton, }	October 16.

Water-wheel	-	-	Edward Robbins, jr. & William Ashby	Bordentown, N. J.	March 25.
Water-wheel	-	-	Joseph Hanchett	Coldwater, Mich.	July 15.
Water-wheel, chain-bucket	-	-	John Dutton, jr.	Aston, Penn.	February 26.
Water-wheel, reaction and percussion, (patented by Zebulon & Austin Parker, October 19, 1829	-	-	Zebulon Parker, (& Robert McKelvey,) administrator of Austin Parker, deceased	Ohio	June 27.
Water-wheel, tide or current	-	-	F. H. Southworth	St. Louis, Mo.	January 23.
Water-wheel, tub	-	-	Abijah Woodward	Athol, Mass.	May 8.
Wind-mills, &c.	-	-	Isaac Garver & Samuel Fahrney	Boonsborough, Md.	December 28.

CLASS XII.—LEVER, SCREW, AND OTHER MECHANICAL POWER, AS APPLIED TO PRESSING, WEIGHING, RAISING, AND MOVING WEIGHTS.

Balance, platform	-	-	Chauncey Crain and Evert L. Wemple	Madison, N. Y.	April 8.
Balance, platform	-	-	Albert Dole	Bangor, Me.	July 18.
Balance or scale-beam	-	-	Seth E. Winslow	Philadelphia, Penn.	July 31.
Press, cheese	-	-	Rufus Porter	Billerica, Mass.	April 15.
Press, cheese	-	-	J. H. Fletcher	Irasburg, Vt.	June 20.
Press, cotton	-	-	Fowler M. Ray	Catskill, N. Y.	August 25.
Press, cotton, hay, &c.	-	-	James E. Kelsey and James A. Potter	Poughkeepsie, N. Y. Providence, R. I.	September 25.
Press, printing. See class 18.	-	-			
Press, rotary, woollen and cotton goods, (patent July 5, 1837, cancelled)	-	-	Moses Bayley	Salisbury, Mass.	September 5.

A.—LIST OF PATENTS GRANTED DURING THE YEAR 1840—Continued.

CLASS XIII.—GRINDING-MILLS AND MILL-GEARING, CONTAINING GRAIN-MILLS, MECHANICAL MOVEMENTS, AND HORSE-POWER, &c.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Apples, &c., grinding	Thomas A. Wells	New York	August 25.
Bark-mill, breaking and grinding	Richard Montgomery & Lewis W. Harris	Sangerfield, N. Y.	August 12.
Coffee-mill, &c., constructing	Lawriston R. Livingston & Calvin Adams	Pittsburg, Penn.	September 25.
Grain, cleaning, scouring, and conveying, cooling, bolting, &c.	Aaron Bull	Caroline, N. Y.	January 16.
Grist-mill	Edward Gray	Ulysses, N. Y.	March 25.
Grist-mill, constructing, bales and drivers	Ezra R. Benton	Ohio city, O.	March 31.
Grist-mill, cylinder	Harvey W. Pitts	Wilsonville, Ala.	July 1.
Grist-mill, portable	Isaac Straub	Cincinnati, O.	February 18.
Horse-power	Samuel S. Allen	Miamisburg, O.	January 10.
Horse-power	George Strevice & Isaac Rohrer	Lancaster, Penn.	May 8.
Horse-power	Edward Piper	Camden, Me.	June 10.
Horse-power	Charles Hibbard	Guilford, N. H.	September 14.
Horse-power, endless floor	Orestes Badger	Cooperstown, N. Y.	December 14.
Mill, bush	Jacob Aulabaugh	East Berlin, Penn.	July 18; ante-dated June 18.
Mill, bush, and keeping the same close to the spindle, (additional letters patent February 18, 1840)	Elisha W. Welsh	Paris, Va.	January 28.

Mill, bush, self-regulating and self-oiling
 Mill, crushing hard substances
 Mill-spindles, oiling and protecting from dirt
 Mill, spindle and trundle-head of
 Mill, sugar-grinding
 Mill-stones, dressing
 Mill, wing-gudgeon for
 Power, applying water, to propel machinery

Samuel Moore
 James Rowe
 Jesse Hubbard
 Elbridge G. Potter
 Nathan Sargent
 Robert M. Smith
 David Phillips
 William Baker

Chambersburg, Penn.
 Athens, Ala.
 Watertown, Conn.
 Lebanon, O.
 Cambridgeport, Mass.
 Rutherford co., Tenn.
 Georgetown, Penn.
 Utica, N. Y.

April 8.
 April 24.
 April 8.
 July 18.
 September 10.
 February 8.
 December 28.
 May 19.

CLASS XIV.—LUMBER, INCLUDING MACHINES AND TOOLS FOR PREPARING AND MANUFACTURING, SUCH AS SAWING,
 PLANING, MORTISING, SHINGLE AND STAVE, CARPENTERS' AND COOPERS' IMPLEMENTS.

Auger, screw, manufacturing
 Blocks of wood, forming, for pavements

William Field
 Redwood Fisher, as-
 signee of Augustus
 Count de Lisle

Pawtucket, R. I.

April 15.

Blocks of wood, sawing paving
 Boring and mortising, in chair-seats, &c.
 Boxes, turning wooden

Amaziah Nash
 William L. Harley
 John Hucks Stevens,
 assignee of Chauncey
 E. Warner

Paris, France
 Calais, Me.
 Chagrin Falls, O.

July 10.
 November 13.
 August 14.

Corks, cutting
 Corks, cutting
 Hewing plough-beams, &c.

Samuel Sawyer
 Charles R. Macy
 Draper Ruggles, and
 others, assignees of El-
 dridge G. Matthews

New York
 Boston, Mass.
 Hyde Park, N. Y.

January 18.
 June 10.
 October 31.

Lathe, chuck for
 Lathe, machine for turning

Worcester, Mass.
 Waterford, N. Y.
 Mile End, Glasgow,
 North Britain

October 22.
 July 18.
 July 30.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Mortising and tenoning machine	Andrew Bailey	Jefferson, Ohio	June 20.
Pails and buckets, &c., affixing the ears and bales of	John F. Phelps	Havana, N. Y.	May 12.
Pit-sawing and slitting machine for sawing logs, &c.	James Hamilton	New York	June 27.
Planing machine; originally patented by him August 28, 1833; and for improvements on which also obtained letters patent, January 9, 1838	James McGregor, jr.	Savage Factory, Md.	July 15.
Saving and splitting timber	John P. McDowell	Summit, Pa.	August 12.
Sawing stuff circular	Thomas Kenderdine, jr.	Horsam, Pa.	August 12.
Saw-mill dogs	Martin Rich	Ithaca, N. Y.	August 28.
Saw-mill, self-adjusting, log-brace	Benjamin Cushwa	Clear Spring, Md.	July 15.
Saw-mill, self-tending	Edwin Moody and Samuel Morril	Andover, N. H.	February 8.
Shingles, cutting	Miles R. Payne	Andersontown, Ind.	October 30.
Splints, match, cutting	John H. Stevens, assignee of Elisha Fitzgerald	New York	July 18.
Splints, match, manufacturing	Norman T. Winans and Thaddeus Hyatt	New York	November 26.
Staves, cutting	Isaac Hosmer and William P. L. Badger	Concord, Mass.	September 2.
Staves, cutting	Cephas Manning	Acton, Mass.	September 10.
Staves, cutting	Oliver Sheldon	New Marlborough, Mass.	September 10.

Staves, cutting, &c.	-	Cephas Manning	-	Acton, Mass.	-	September 14.
Staves, cutting, (patent Sept. 14, 1840, cancelled)	-	Cephas Manning	-	Acton, Mass.	-	December 28.
Staves, crossing and chiming	-	Charles F. Beverly	-	Salem, Ohio	-	October 16.
Staves, dressing and jointing	-	Henry Law	-	Wilmington, N. C.	-	July 15.
Tenons, cutting round, &c.	-	Mahlon Gregg	-	Philadelphia, Pa.	-	December 10.
Veneers, cutting	-	William R. Greenleaf and Alonzo Cole	-	Gerry, N. Y.	-	February 18.
Veneers, cutting	-	John Dresser	-	Stockbridge, Mass.	-	September 3.
Veneers, straight or curved, laying on	-	Casper Kittenger	-	Massillon, Ohio	-	March 14.

CLASS XV.—STONE AND CLAY MANUFACTURES, INCLUDING MACHINES FOR POTTERY, GLASSMAKING, BRICKMAKING, DRESSING AND PREPARING STONE, CEMENTS, AND OTHER BUILDING MATERIALS.

Brick machines	-	Julius Willerd	-	Baltimore, Md.	-	January 29.
Brick machines	-	James Hodge	-	Fairplay, S. C.	-	March 6.
Brick machines	-	Samuel Talbot	-	Richmond, Va.	-	April 8.
Brick machines, moulding and pressing	-	Stacy Costill	-	Philadelphia, Pa.	-	September 4.
Flower-pots or vases for plants, &c.	-	Joseph Adams	-	Boston, Mass.	-	September 3.
Kiln, brick	-	Henry Read	-	Kensington, Pa.	-	June 17.
Kiln, lime, regulating the draught of	-	Isaac Richardson	-	Paoli, Pa.	-	February 21.
Stone, sawing-mill for	-	David V. Rannels	-	Washington, Ky.	-	February 8.

CLASS XVI.—LEATHER, INCLUDING TANNING AND DRESSING, MANUFACTURE OF BOOTS, SHOES, SADDLERY, HARNESS, ETC.

Boot-forms, bevelling	-	Elijah Holmes	-	Stoughton, Mass.	-	August 12.
Boot, gaiter, gum elastic gores	-	John H. Dupont and Theodore Hyatt	-	New York	-	October 13.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Boots and shoes, heels of	Samuel Werner	Lowell, Vt.	} July 1.
	Jeremiah Hodgkin	Westfield, Vt.	
	William E. Traver	Watervliet, N. Y.	
Harness, breast-plate for horses	Abel Post	Henrietta, N. Y.	April 8.
Harness and carriages, safety	Edwin Eastlack	Greenwich, N. J.	January 10.
Leather, fair, manufacturing	John L. Turner	Philadelphia, Pa.	July 15.
Leather, whitening	James C. Booth	Philadelphia, Pa.	December 5.
Mail-bags, &c., mouth-piece	James Sellers and Abraham L. Pennock	Philadelphia, Pa.	June 12.
Mail-bags, paddles for. <i>See class 2.</i>			
Pricking leather, &c.	Samuel Sheldon	Cincinnati, Ohio	October 10; ante-dated Sept. 30.
Pricking leather, &c.	Samuel Sheldon	Cincinnati, Ohio	October 10; ante-dated Sept. 21.
Saddles	Orren McCluer	Fredonia, N. Y.	March 25.
Saddle, elastic spring-seat	Charles E. King	Mount Pleasant, Ohio	February 21.
Soles of pumps, shoes, &c., channelling and scarfing	Lewis Baker	Fort Plain, N. Y.	September 2.
Tanning, process of	{ Richard T. Downing	{ Monroe co., } Penn.	April 30.
Tanning, process of	{ & George D. Smith	{ Philadelphia, }	August 25.
Tanning, process of	Abel H. Buzzell	North Bridgewater, Mass.	
	Daniel Howell, assignee of Walter Buchanan	New York	December 17.
Trunks, rendering them water-proof	Peter Getz	Lancaster, Penn.	November 7.

Bedstead	-	-	John Hart	-	Lebanon, Ken.	March 3.
Bedsteads, constructing and cording the same	-	-	Martin Engel	-	Easton, Penn.	April 24.
Bedsteads, cutting screws upon the ends of the rails	-	-	Jacob Lindly	-	Cynthiana, Ken.	October 10.
Bedsteads, fastening	-	-	William H. Sabin	-	New Milford, Penn.	May 12.
Bedsteads, fastening, attaching and stretching sacking	-	-	Mahlon Gregg	-	Philadelphia, Penn.	March 25.
Bedsteads, windlass	-	-	Thomas Lamb	-	Washington, D. C.	November 13.
Chairs	-	-	Matthew W. King	-	New York	August 25.
Chair, rocking	-	-	Samuel H. Bean	-	Philadelphia, Penn.	March 31.
Cot, or cross-bedstead-sofa	-	-	Gerard Sickels	-	Middletown, Conn.	September 25.
Crackers, making	-	-	Humphrey Winslow	-	Swansey, Mass.	December 14.
Cutting vegetables	-	-	George J. Neveil	-	Rising Sun, Penn.	October 14.
Dough, breaking or working	-	-	John W. Post	-	Baltimore, Md.	March 14.
Feathers, cleaning and drying	-	-	John Hucks Stevens, assignee of Robt. B. Lewis	-	Hallowell, Me.	June 27.
Preserving and holding butchers' meat, &c., apparatus for	-	-	Adam Seltzer	-	Baltimore, Md.	September 5.
Refrigerators	-	-	John Scott	-	Philadelphia, Penn.	July 10.
Sofa which can be adapted to invalids	-	-	Martin Engel	-	Easton, Penn.	May 12.
Washing clothes, machine for	-	-	Sewall Benson	-	Waterville, Me.	May 25.

A.—LIST OF PATENTS GRANTED DURING THE YEAR 1840—Continued.

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CLASS XVIII.—ARTS, POLITE, FINE, AND ORNAMENTAL, INCLUDING MUSIC, PAINTING, SCULPTURE, ENGRAVING, BOOKS, PAPER, PRINTING, BINDING, JEWELRY, ETC.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Coloring maps, mode of—additional letters patent September 4, 1840	Lucius Stebbins	Hartford, Conn.	March 12.
Files for filing papers, screw-nuts applied	William Mann	Philadelphia, Penn.	July 3.
Likenesses, concave reflector and plate, &c., taking Organ, vocal	Alexander S. Wolcott	New York	May 8.
Pencil-case, everpointed	John W. Campbell	Attica, Indiana	November 26.
Pencil-case, everpointed	Thomas Woodward	Brooklyn, N. Y.	June 10.
Pens, steel writing	Thomas Woodward	Brooklyn, N. Y.	October 14.
Piano fortes	David Thomas	Hingham, Mass.	July 3.
Printing-press	Jonas Chickering	Boston, Mass.	October 8.
Printing-press, card	Stephen P. Ruggles	Boston, Mass.	November 10.
Printing-press, locomotive cylinder	Samuel Orcutt	Boston, Mass.	August 25.
Writing on glass	Charles J. Carr & Andrew Smith	Belfer, England	September 10.
	William Davison	New York	May 8.

CLASS XIX.—FIRE-ARMS AND IMPLEMENTS OF WAR, AND PARTS THEREOF, INCLUDING THE MANUFACTURE OF SHOT AND GUNPOWDER.

Balls or shot, manufacturing	Levi Magers	New York	October 8.
Balls, &c., throwing, &c.	Joseph Martin, M. D.	Louisville, Ky.	August 3.

Fire-arms	-	Silas Day	-	New York	-	October 8.
Guns, pistols, &c.	-	George Stocker & Joseph Bentley	-	Birmingham, England	-	April 8.
Pontoon equipage for military and other operations	-	{ Elisha M. Huntington, administrator of J. F. Lane, deceased	-	{ Terre Haute, Ind.	-	June 17.
Rifles and other fire-arms	-	James R. Thomas	-	Collingsworth, Ga.	-	May 19.
Rifles, moveable loading-muzzle for	-	Alvan Clark	-	Cambridge, Mass.	-	April 24.
Rocket-staffs, mode of stiffening	-	John W. Cochran	-	New York	-	April 30.

CLASS XX.—SURGICAL AND MEDICAL INSTRUMENTS, INCLUDING TRUSSES, DENTAL INSTRUMENTS, BATHING APPARATUS, ETC.

Baths, portable	-	J. Wright Warren, jr.	-	Boston, Mass.	-	July 31.
Bathing apparatus	-	George J. Byrd and Peter Milne	-	New York	-	June 17; antedated Feb. 8.
Clubfoot, apparatus for the treatment of	-	John D. Brown	-	Boston, Mass.	-	April 30.
Teeth, artificial, adjusting the grinding surfaces of	-	James Cameron	-	Philadelphia, Pa.	-	April 30.
Teeth, artificial, mode of attaching	-	Alfred Riggs	-	New York	-	July 3.
Teeth, artificial, manufacture of	-	Daniel Harrington	-	Philadelphia, Pa.	-	June 18.
Teeth and guns, obtaining casts from, &c.	-	Daniel T. Evans	-	Philadelphia, Pa.	-	August 28.
Trusses for hernia	-	Moore R. Fletcher	-	Boston, Mass.	-	Feb. 26; antedated Aug. 26, '39.
Trusses for prolapsus uteri	-	Goodnow Bright	-	Bellbrook, Ohio	-	December 17.
Trusses, surgeons'	-	Enoch Thomas	-	New Athens, Ohio	-	March 12.
Trusses, surgeons'	-	W. B. Dodson	-	Louisville, Ky.	-	June 17.

A.—LIST OF PATENTS GRANTED DURING THE YEAR 1840—Continued.

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CLASS XXI.—WEARING APPAREL, ARTICLES FOR THE TOILET, &C., INCLUDING INSTRUMENTS FOR MANUFACTURING.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Buttons, metallic, making, &c.	Festus Hayden	Waterbury, Ct.	July 10.
Buttons, mode of fastening	Stephen Clapp, assignee of Henry W. Hewet	New York	December 10.
Combs, cutting the teeth of	Joseph S. Ives	Bristol, Ct.	October 8.
Comb-plates, planning and forming ivory, &c.	Julius Pratt and others, assignees of William M. Fowler	Connecticut	October 28.
Garments, measuring and draughting	Isaiah J. Hendryx	Troy, N. Y.	April 18.
Garments, measuring and draughting	Thomas E. Tilden	Baltimore, Md.	December 5.
Garments, tailors' measuring instruments	William J. Lemmond	Lancaster, S. C.	April 18.
Garments, tailors' measure	Richard Dame	Hanover, N. H.	May 8.
Wigs, metallic	François Bourguet	New York	May 8.

CLASS XXII.—MISCELLANEOUS.

Fire escapes	Sylvester Penfield	Hartford, Ct.	March 3.
Fire escapes	William P. Withey	Hartford, Ct.	May 12.
Ice, cutting	Nathaniel J. Wyeth	Cambridge, Mass.	December 1.
Ice, machinery for reducing blocks to uniform thickness, &c.	Nathaniel J. Wyeth	Cambridge, Mass.	December 1.
Ice, machinery for raising blocks of, &c.	Nathaniel J. Wyeth	Cambridge, Mass.	December 1.
Ice, machinery for raising blocks of, &c.	Nathaniel J. Wyeth	Cambridge, Mass.	December 10.
Stencil plate, or apparatus for marking boxes	Edwin Allen	Windham, Ct.	September 4.

B.

Alphabetical list of patentees for the year 1840, with the places of residence.

Names of patentees.	Residence.
Ablon, Eugene, assignee of Pierre	
Ravard - - -	Paris, France.
Adams, Amos - - -	Port Henry, New York.
Adams, Joseph - - -	Boston, Massachusetts.
Akin, John D. - - -	Columbus, Pennsylvania.
Akin, John D. - - -	Columbus, Pennsylvania.
Allen, Edwin - - -	Windham, Connecticut.
Allen, Oliver - - -	Norwich, Connecticut.
Allen, Samuel S. - - -	Miamisburg, Ohio.
Allen, Samuel S. - - -	Miamisburg, Ohio.
Allyn, Edwin, & C. B. Hildreth -	Boston, Massachusetts.
Ames, John - - -	Springfield, Massachusetts.
Ames, John, (reissue) - - -	Springfield, Massachusetts.
Andrews, James, & Enoch Piper -	Camden, Maine.
Andrews, Solomon - - -	Perth Amboy, New Jersey.
Aulabaugh, Jacob - - -	East Berlin, Pennsylvania.
Bachelder, Lorenzo, & Samuel H.	Hampstead, New Hampshire.
Bachelder.	Haverhill, Massachusetts.
Badger, Orestes - - -	Cooperstown, New York.
Bailey, Amity - - -	Newberry, North Carolina.
Bailey, Andrew - - -	Jefferson, Ohio.
Baker, Lewis - - -	Fort Plain, New York.
Baker, William - - -	Utica, New York.
Baldwin, James - - -	Nashua, New Hampshire.
Baldwin, Matthias W. - - -	Philadelphia, Pennsylvania.
Baldwin, Matthias W. - - -	Philadelphia, Pennsylvania.
Barnes, Noah - - -	East Hampton, New York.
Barrett, Jonathan F. - - -	North Granville, New York.
Barrows, Ebenezer - - -	Rochester, Massachusetts.
Barton, Gardner, jr. - - -	Shaftsbury, Vermont.
Battel, Mellen - - -	Albany, New York.
Bayley, Moses, (reissue) - - -	Salisbury, Massachusetts.
Bean, Samuel H. - - -	Philadelphia, Pennsylvania.
Beasom, William D., & E. G. Reed,	
assignees of George W. Wilson -	New Hampshire.
Bell, Martin - - -	Antis, Pennsylvania.
Bell, Thomas - - -	Bellport, New York.
Benson, Benjamin - - -	Smyrna, Delaware.
Benson, Sewall - - -	Waterville, Maine.
Benton, Ezra R. - - -	Ohio City, Ohio.
Bergstresser, William W. - - -	Harrisburg, Pennsylvania.
Beverly, Charles F. - - -	Salem, Ohio.
Bigelow, Erastus B. - - -	Lancaster, Massachusetts.
Bigelow, George F. - - -	Norfolk, Virginia.
Blake, Philos, Eli W., & John A. -	New Haven, Connecticut.

B.—LIST OF PATENTEES—Continued.

Names of patentees.	Residence.
Booth, James C. - - -	Philadelphia, Pennsylvania.
Bosworth, Benjamin M. - - -	Warren, Rhode Island.
Bourguet, François - - -	New York.
Bourne, Henry B. - - -	New York.
Bradfield, Edward - - -	Rochester, New York.
Bright, Goodown - - -	Bellbrook, Ohio.
Brooke, H. Jones, and Francis B. Longmire - - -	Philadelphia, Pennsylvania.
Brown, John B. - - -	Boston, Massachusetts.
Bryant, William - - -	Davidson county, Tennessee.
Bryce, Archibald - - -	Campbelltown, New York.
Bucklin, Isaac, (reissue) - - -	Troy, New York.
Bulkley, Ralph - - -	New York.
Bulkley, Ralph - - -	New York.
Bull, Aaron - - -	Caroline, New York.
Bump, Jacob - - -	Kirtland, Ohio.
Burch, John - - -	Mill Port, New York.
Burden, Henry - - -	Troy, New York.
Burden, Henry - - -	Troy, New York.
Burnham, George - - -	Philadelphia, Pennsylvania.
Bush, Lonson, administrator of Isaac Lowell, of Pendleton, New York - - -	Erie county, New York.
Butterfield, George - - -	Hopkinton, New Hampshire.
Buzzell, Abel H. - - -	North Bridgewater, Maine.
Byrd, George I., & Peter Milne - - -	New York.
Cameron, James - - -	Philadelphia, Pennsylvania.
Campbell, John W. - - -	Attica, Indiana.
Carr, Charles - - -	Philadelphia, Pennsylvania.
Carr, Charles J., & Andrew Smith - - -	Belfer, England.
Carver, Eleazer - - -	Bridgewater, Massachusetts.
Carver, Eleazer - - -	Bridgewater, Massachusetts.
Caswell, Lebbens - - -	Harrison, Maine.
Chaplin, William - - -	New York.
Chase, Samuel L. - - -	Woodstock, Vermont.
Chickering, Jonas - - -	Boston, Massachusetts.
Chilson, Gardner - - -	Boston, Massachusetts.
Church, William - - -	Birmingham, England.
Church, William - - -	Birmingham, England.
Clapp, H. D., assignee of Henry W. Hewet - - -	New York.
Clapp, Stephen, assignee of Henry W. Hewet - - -	New York.
Clark, Alvan - - -	Cambridge, Massachusetts.
Clark, John, jr. - - -	Mill End, Glasgow, North Briton.
Clarke, John L. - - -	Nashua, New Hampshire.
Clegg, Samuel, & Jacob Samuda - - -	England.
Cochran, John W. - - -	New York.

B.—LIST OF PATENTEES—Continued.

Names of patentees.	Residence.
Cochran, R. G. - - -	Francistown, New Hampshire.
Cole, Samuel W. - - -	Chelsea, Massachusetts.
Cole, Samuel W. - - -	Chelsea, Massachusetts.
Conway, Petrus P. O. - - -	Philadelphia, Pennsylvania.
Cook, Truman - - -	New York.
Cooper, Nicholas, jr., & Townsend McConnell and Wm. E. Lukens	} Wheeling township, Ohio. } Short creek, Ohio.
Cooper, Thomas - - -	New York.
Copeland, Asa - - -	Bridgewater, Massachusetts.
Cory, Horace - - -	England.
Costill, Stacy - - -	Philadelphia, Pennsylvania.
Crain, Chauncey, and Evert L. Wemple - - -	Madison, New York.
Criswell, John - - -	Cecil, Pennsylvania.
Crosby, Charles C. P. - - -	Brooklyn, New York.
Crosley, George H. - - -	New Haven, Connecticut.
Crowell, Allen, and William A. - - -	Salisbury, Connecticut.
Cummings, James - - -	Canonsburg, Pennsylvania.
Cushwa, Benjamin - - -	Clear Spring, Maryland.
Dame, Richard - - -	Hanover, New Hampshire.
Daniels, Reuben - - -	Woodstock, Vermont.
Daniels, Reuben - - -	Woodstock, Vermont.
Davies, S. H. - - -	Cincinnati, Ohio.
Davis, Samuel - - -	Mifflin, Pennsylvania.
Davison, William - - -	New York.
Day, Moses - - -	Roxbury, Massachusetts.
Day, Nathaniel C. - - -	Lunenburg, Massachusetts.
Day, Silas - - -	New York.
Denison, Lester E. - - -	Saybrook, Connecticut.
Densmore, Randolph - - -	Hopewell, New York.
Des Combs, Cs. Edward Jacot - - -	Baltimore, Maryland.
Dexter, George M. - - -	Boston, Massachusetts.
Dickinson, William - - -	Worcester, Massachusetts.
Docker, William - - -	New Orleans, Louisiana.
Dodson, W. B. - - -	Louisville, Kentucky.
Doe, Joseph Bolton - - -	London, England.
Dole, Albert - - -	Bangor, Maine.
Downing, Richard T., and George D. Smith.	{ Monroe county, } Pennsylvania. { Philadelphia, }
Draper, Francis - - -	East Cambridge, Massachusetts.
Draper, George - - -	Palmer, Massachusetts.
Dresser, John - - -	Stockbridge, Massachusetts.
Dripps, William - - -	Coatesville, Pennsylvania.
Dupont, John H., and Thaddeus Hyatt - - -	New York.
Dutton, John, jr. - - -	Aston, Pennsylvania.
Dyott, Michael B. - - -	Philadelphia, Pennsylvania.

B.—LIST OF PATENTEES—Continued.

Names of patentees.	Residence.
Easby, William - - -	Washington, District of Columbia.
Eastlack, Edwin - - -	Greenwich, New Jersey.
Easton, Nathaniel - - -	Worcester, Massachusetts.
Edes, Oliver, and Andrew Holmes	Braintree, Massachusetts.
Edwards, David - - -	McConnellsville, Ohio.
Engel, Martin - - -	Easton, Pennsylvania.
Engel, Martin - - -	Easton, Pennsylvania.
Engel, Martin - - -	Easton, Pennsylvania.
Ericsson, John - - -	Kingdom of Sweden.
Evans, Cadwallader - - -	Pittsburg, Pennsylvania.
Evens, Daniel T. - - -	Philadelphia, Pennsylvania.
Evens, Joseph - - -	Lebanon, Ohio.
Eversole, Jacob B. - - -	St. Louis, Missouri.
Fairman, Simon - - -	Waterford, New York.
Farrar, John - - -	Cuyahoga, New York.
Ferris, Caleb L. - - -	Courtland, New York.
Field, William - - -	Pawtucket, Rhode Island.
Fish, Randal - - -	New York.
Fisher, Redwood, assignee of Augustus Count De Lisle - - -	Paris, France.
Fitzgerald, Daniel, Jesse, & Elisha	New York.
Flletcher, J. A. - - -	Irasburg, Vermont.
Fletcher, Moore R. - - -	Boston, Massachusetts.
Fobes, Alpheus, & Fitch W. Taylor, assignees of Chas. Lyon and Alpheus Fobes - - -	New York.
Fowler, B., jr., assignee of James Jorey - - -	Hartford, Connecticut.
Frazer, Robert - - -	Waynesburg, Pennsylvania.
Frazier, William - - -	Brooklyn, New York.
Fuller, Albert - - -	Providence, Rhode Island.
Gail, Titus D. - - -	Eden, New York.
Gallup, William - - -	Norwalk, Ohio.
Garnet, Daniel - - -	Richfield, New York.
Gardner, Smith - - -	New York.
Garver, Isaac, and Samuel Fahrney	Boonsborough, Maryland.
Getz, Peter - - -	Lancaster, Pennsylvania.
Getz, Peter - - -	Lancaster, Pennsylvania.
Gibbons, Joseph - - -	Adrian, Michigan.
Gilbert, John S. - - -	New York.
Gilbert, John S. - - -	New York.
Gilbert, John S. - - -	New York.
Gladwin, Porter A. - - -	Chester, Connecticut.
Gochmour, Daniel, jr. - - -	Conemaugh, Pennsylvania.
Gold, Benjamin F., and Job S. - - -	New York.
Gordon, James W. W. - - -	Baltimore, Maryland.
Gorham, Chester - - -	Barre, Massachusetts.

B.—LIST OF PATENTEES—Continued.

Names of patentees.	Residence.
Gosselin, Edward - - -	New York.
Gray, Edward - - -	Ulyses, New York.
Green, Joel - - -	Rochester, New York.
Greenleaf, William R., and Alonzo Cole - - -	Gerry, New York.
Gregg, Mahlon - - -	Philadelphia, Pennsylvania.
Gregg, Mahlon - - -	Philadelphia, Pennsylvania.
Grime, Joshua - - -	Beekmantown, New York.
Grimes, William C. - - -	York, Pennsylvania.
Grimes, William C. - - -	York, Pennsylvania.
Groat, Warner - - -	Troy, New York.
Groff, Israel W. - - -	Lampeter, Pennsylvania.
Guild, Charles - - -	Cincinnati, Ohio.
Hamilton, James - - -	New York.
Hamilton, James - - -	New York.
Hanchett, Joseph - - -	Coldwater, Michigan.
Hanchett, Joseph - - -	Coldwater, Michigan.
Harding, Francis - - -	Cleveland, Ohio.
Harley, William L. - - -	Chagrin Falls, Ohio.
Harrington, Daniel - - -	Philadelphia, Pennsylvania.
Harris, John W. - - -	Dorchester, Massachusetts.
Hart, John - - -	Lebanon, Kentucky.
Hayden, Festus - - -	Waterbury, Connecticut.
Hendryx, Isaiah J. - - -	Troy, New York.
Heritage, George - - -	Chestertown, Maryland.
Heritage, George - - -	Chestertown, Maryland.
Heritage, George - - -	Chestertown, Maryland.
Herron, James - - -	Baltimore, Maryland.
Hibbard, Charles - - -	New Hampshire.
Hibbard, Harmon - - -	Attica, New York.
Hicks, Lucien E. - - -	Middletown, Connecticut.
Hildreth, George W. - - -	Lockport, New York.
Hilliard, David H. - - -	Cornish, New Hampshire.
Hinds, Jacob - - -	Hindsburg, New York.
Hodge, James - - -	Fairplay, South Carolina.
Holmes, Elijah - - -	Stoughton, Massachusetts.
Homer, Charles S. - - -	Boston, Massachusetts.
Hosmer, Isaac, and William P. L. Badger - - -	Concord, Massachusetts.
Hotchkiss, Lewis, and Willis Hotchkiss - - -	Derby, Connecticut.
Houghton, Joel - - -	Ogden, New York.
Houghton, Reuben B. - - -	Clarkson, New York.
Howard, Lewis and Charles - - -	Reading, New York.
Howe, George C. - - -	New York.
Howe, William - - -	Warren, Massachusetts.
Howe, William - - -	Warren, Massachusetts.

B.—LIST OF PATENTEES—Continued.

Names of patentees.	Residence.
Howell, Daniel, assignee of Walter Buchanan - - -	New York.
Hubbard, Jesse - - -	Watertown, Connecticut.
Huntington, Elisha M., administrator of J. W. Lane - - -	Terre Haute, Indiana.
Hutchinson, Benjamin - - -	Springfield, Massachusetts.
Hyatt, Benjamin M. - - -	Wilmington, Delaware.
Ives, Joseph S. - - -	Bristol, Connecticut.
Jackson, Reuben - - -	Zanesville, Ohio.
James, William - - -	Philadelphia, Pennsylvania.
Johnson, Charles F. - - -	Tioga, New York.
Jones, Alfred C. - - -	Philadelphia, Pennsylvania.
Judd, Oliver - - -	Cherry Valley, New York.
Kane, Stephen, and Thomas and James Keane - - -	New York.
Kellogg, George C., and Phineas Gillett - - -	New Hartford, Connecticut.
Kelsey, James E., and James A. Potter - - -	{ Poughkeepsie, New York. Providence, Rhode Island.
Kenderdine, Thomas, jr. - - -	Horsam, Pennsylvania.
King, Charles E. - - -	Mount Pleasant, Ohio.
King, Matthew W. - - -	New York.
King, Matthew W. - - -	New York.
King, Matthew W. - - -	New York.
Kirkman, John - - -	New York.
Kirkpatrick, Alexander - - -	Newark, New Jersey.
Kittenger, Casper - - -	Massilon, Ohio.
Knapp, Lewis - - -	New York.
Knight, Benjamin - - -	Statesville, Rhode Island.
Knodle, Jonathan - - -	Bakersville, Maryland.
Lamb, Seth - - -	New York.
Lamb, Thomas - - -	Washington, District of Columbia.
Lapham, Daniel P., administrator of Benjamin Lapham, deceased - - -	Adams, Massachusetts.
La Rue, Jesse - - -	Bristol, Pennsylvania.
Latrobe, Benjamin H. - - -	Baltimore, Maryland.
Law, Henry - - -	Wilmington, Delaware.
Lawrence, William B. - - -	Cincinnati, Ohio.
Lemmond, William J. - - -	Lancaster, South Carolina.
Lewis, Thomas J., and George F. - - -	Boston, Massachusetts.
Lewis, Thomas J., and George F. - - -	Boston, Massachusetts.
Lighthall, William A. - - -	Albany, New York.
Lighthall, William A., (reissue) - - -	Albany, New York.
Lincoln, Jesse - - -	Uniontown, Pennsylvania.
Lindly, Jacob - - -	Cynthiana, Kentucky.
Livingston, Lawreston R., and Calvin Adams - - -	Pittsburg, Pennsylvania.

B.—LIST OF PATENTEES—Continued.

Names of patentees.	Residence.
Lomax, Abel, and Asahel - -	Clinton county, Ohio.
Lombaert, Charles - -	Philadelphia, Pennsylvania.
Longmire, Francis B., and H. Jones	
Brooke - - - -	Philadelphia, Pennsylvania.
McCarthy, Fones - - -	Demopolis, Alabama.
McClure, Orren - - -	Fredonia, New York.
McConnell, William P. - -	Washington, District of Columbia.
McCrone, John - - -	Ellicott's Mills, Maryland.
McDowell, John P. - -	Summit, Pennsylvania.
McGregor, James - - -	Saratoga, New York.
McGregor, James, jr. - -	Savage Factory, Maryland.
Macy, Charles R. - - -	Hyde Park, New York.
Magers, Levi - - - -	Baltimore, Maryland.
Mann, William - - - -	Philadelphia, Pennsylvania.
Manning, Cephas - - -	Acton, Massachusetts.
Manning, Cephas - - -	Acton, Massachusetts.
Manning, Cephas, (reissue) -	Acton, Massachusetts.
Marble, Eleazer - - -	Wyalusing, Pennsylvania.
Martin, Joseph, M. D. - -	Louisville, Kentucky.
Martin, Joseph T. - - -	New York.
Martin, Robert - - - -	Fairfield, Ohio.
Marvin, Dudley and - - -	{ New York city.
Oran W. Seely - - - -	{ Sodus, New York.
Mason, William - - - -	Taunton, Massachusetts.
Matthew, David - - - -	Schenectady, New York.
Melsheimer, William - -	Philadelphia, Pennsylvania.
Miller, Charles F. - - -	Baltimore, Maryland.
Miner, Levin, and Nicholas Felts -	Yancyville, North Carolina.
Mix, Miles C. - - - -	Tompkins county, New York.
Montgomery, Richard, and Lewis	
W. Harris - - - -	Sangerfield, New York.
Montgomery, William - -	Boston, Massachusetts.
Moody, Edwin, and Sam. Morrett	Andover, New Hampshire.
Moore, James - - - -	Elizabethtown, New Jersey.
Moore, Joseph M., and - - -	Worcester, { Massachusetts.
Benjamin Woodworth - -	Boston, }
Moore, Samuel - - - -	Chambersburg, Pennsylvania.
Morse, Samuel F. B. - - -	New York.
Mott, Jordan L. - - - -	New York.
Mott, Jordan L. - - - -	New York.
Mott, Jordan L. - - - -	New York.
Murdock, Richard - - -	Baltimore, Maryland.
Naglee, Henry M. - - -	Philadelphia, Pennsylvania.
Nash, Amaziah - - - -	Calais, Maine.
Naylor, Peter - - - -	New York.
Neveil, George J. - - -	Rising Sun, Pennsylvania.
Newhall, Daniel - - - -	Lynn, Massachusetts.

B.—LIST OF PATENTEES—Continued.

Names of patentees.	Residence.
Nichols, Martin - - -	Clearfield, Pennsylvania.
Norris, H. Ariel - - -	New York.
Olcott, Sands - - -	New Hope, Pennsylvania.
Olcott, Sands - - -	Philadelphia, Pennsylvania.
Olcott, Sands - - -	Philadelphia, Pennsylvania.
Orcutt, Samuel - - -	Boston, Massachusetts.
Osborn, Jacob - - -	Elyria, Ohio.
Owen, Thomas G. - - -	Baltimore, Maryland.
Page, George - - -	Baltimore, Maryland.
Page, John - - -	New York.
Parker, Zebulon, (and Robert McKelvey, administrator of Austin Parker, deceased) - - -	Ohio.
Parmelee, James - - -	Ogden, New York.
Payne, Miles R. - - -	Andersontown, Indiana.
Penfield, Sylvester - - -	Hartford, Connecticut.
Penniman, John - - -	Baltimore, Maryland.
Perkins, Angier M. - - -	Citizen U. S., now in London.
Perkins, Edward L. - - -	Boston, Massachusetts.
Pettes, Simon - - -	Schenectady, New York.
Phelps, John F. - - -	Havana, New York.
Philips, David - - -	Georgetown, Pennsylvania.
Phillips, William H. - - -	Brooklyn, New York.
Phleger, Lemuel - - -	Philadelphia, Pennsylvania.
Phleger, Leonard - - -	Philadelphia, Pennsylvania.
Pickard, Daniel L. - - -	Hartland, New York.
Pike, Charles F. - - -	Providence, Rhode Island.
Piper, Enoch - - -	Camden, Maine.
Pitts, Harvey W. - - -	Wilsonville, Alabama.
Poole, William C. - - -	Lancaster, Pennsylvania.
Porter, Rufus - - -	Billerica, Massachusetts.
Porter, Rufus - - -	Billerica, Massachusetts.
Porter, Rufus - - -	Billerica, Massachusetts.
Post, Abel - - -	Henrietta, New York.
Post, John W. - - -	Baltimore, Maryland.
Potter, Elbridge G. - - -	Lebanon, Indiana.
Pratt, Julius, Fenner Bush, Aaron Pratt, and Zina K. Murdock - - -	Meriden, Connecticut.
George Read, Alpheus Starkey, George Spencer, and John C. Rodgers, assignees of William M. Fowler - - -	} Saybrook, Connecticut.
Prutzmann, August - - -	North Bradford, Connecticut.
Rangeley, John - - -	Philadelphia, Pennsylvania.
Rannells, David V. - - -	Camberwell, England.
Ray, Fowler M. - - -	Washington, Kentucky.
Ray, Fowler M., (reissue) - - -	Catskill, New York.
	Catskill, New York.

B.—LIST OF PATENTEES—Continued.

Names of patentees.	Residence.
Read, Henry - - -	Kensington, Pennsylvania.
Reid, James - - -	Pawtucket, Rhode Island.
Reynolds, Asa R. - - -	Skaneateles, New York.
Rice, Ebenezer - - -	Salina, New York.
Rich, Martin - - -	Ithaca, New York.
Richardson, Isaac - - -	Paoli, Pennsylvania.
Riggs, Alfred - - -	New York.
Ring, Jarvis - - -	Ogden, New York.
Ritter, David - - -	New Haven, Connecticut.
Robbins, Edward, jr., and William Ashby - - -	Bordentown, New Jersey.
Roberts, Horner - - -	Delhi, New York.
Robertson, James - - -	New York.
Robie, Jacob C. - - -	Binghamton, New York.
Robinson, George W., and Ezra - - -	Boston, Massachusetts.
Rogers, Peter - - -	Philadelphia, Pennsylvania.
Ronalds, Hugh - - -	Albion, Illinois.
Rowe, James - - -	Athens, Alabama.
Ruggles, Draper, Joel Nourse, and John C. Mason, assignees of Elbridge G. Matthews - - -	Worcester, Massachusetts.
Ruggles, Stephen P. - - -	Boston, Massachusetts.
Russel, Jacob - - -	Jenner, Pennsylvania.
Russel, William - - -	New York.
Sabin, William H. - - -	New Milford, Pennsylvania.
Sacket, Dudley D. - - -	Westfield, Massachusetts.
Sargent, Nathan - - -	Cambridgeport, Massachusetts.
Sawyer, Samuel - - -	Boston, Massachusetts.
Scott, John - - -	Philadelphia, Pennsylvania.
Scott, John - - -	Philadelphia, Pennsylvania.
Sellers, George Escol - - -	Upper Darby.
Sellers, James, and Abraham L. Pen-nock - - -	Philadelphia, Pennsylvania.
Sellers, James, and Abraham L. Pen-nock - - -	Philadelphia, Pennsylvania.
Seltzer, Adam - - -	Baltimore, Maryland.
Sheckells, Richard W. - - -	Baltimore, Maryland.
Sheldon, Oliver - - -	New Marlborough, Massachusetts.
Sheldon, Samuel - - -	Cincinnati, Ohio.
Sheldon, Samuel - - -	Cincinnati, Ohio.
Short, Young William - - -	Oglethorpe county, Georgia.
Sickels, Gerard - - -	Middletown, Connecticut.
Smith, Emery - - -	North Sudbury, Massachusetts.
Smith, Hiram - - -	Bethany, New York.
Smith, Hiram M. - - -	Richmond, Virginia.
Smith, Lyman, jr., and Griffin R. Waring - - -	Derby, Connecticut.

B.—LIST OF PATENTEES—Continued.

Names of patentees.	Residence.
Smith, Mahlon - - -	Tirricum, Pennsylvania.
Smith, Robert M. - - -	Rutherford, Tennessee.
Smith, William W., and Benjamin Mullikin, jr. - - -	New York.
Somerby, Theophilus - - -	Wells, Maine.
Southworth, F. H. - - -	St. Louis, Missouri.
Spafford, George - - -	Windham, Connecticut.
Spangler, Samuel - - -	Stoney Creek, Pennsylvania.
Spear, Arannah - - -	Braintree, Vermont.
Spencer, William, (reissue) - - -	Lowell, Massachusetts.
Spilbury, Francis G., Fanny Corbaux, and Alexander S. Byrne - - -	England.
Stafford, David - - -	Syracuse, New York.
Stanley, Isaac Newton - - -	Philadelphia, Pennsylvania.
Stebbins, Lucius - - -	Hartford, Connecticut.
Stevens, John Hucks, assignee of Chauncey E. Warner - - -	New York.
Stevens, John Hucks, assignee of Elisha Fitzgerald - - -	New York.
Stevens, John Hucks, assignee of Robert W. Lewis - - -	New York.
Stewart, James A. - - -	Springfield, Tennessee.
Stewart, John A. - - -	Philadelphia, Pennsylvania.
Still, James - - -	Zanesville, Ohio.
Stillman, Abel - - -	Poland, New York.
Stimpson, Herbert H. - - -	Boston, Massachusetts.
Stimpson, James - - -	Baltimore, Maryland.
Stimpson, James, (reissue) - - -	Baltimore, Maryland.
Stoker, George, and Joseph Bently - - -	Birmingham, England.
Straub, Isaac - - -	Cincinnati, Ohio.
Streng, George, and Jacob Rohrer - - -	Lancaster, Pennsylvania.
Strickland, Horace - - -	Bradford, Vermont.
Strong, Charles - - -	Hartford, Vermont.
Strong, George D., and Jonathan Dodge, assignees of Walter Hunt - - -	New York.
Stuart, Frederick A. - - -	Catharine, New York.
Talbott, James M. - - -	Richmond, Virginia.
Talbott, Samuel - - -	Richmond, Virginia.
Thomas, David - - -	Hingham, Massachusetts.
Thomas, Enoch - - -	New Athens, Ohio.
Thomas, James R. - - -	Collingsworth, Georgia.
Thomas, William - - -	Hingham, Massachusetts.
Thomas, William - - -	St. Louis, Missouri.
Thorn, William, & James Thorn, jr. - - -	Plainfield, New Jersey.
Thorpe, John, & William G. Angell - - -	Providence, Rhode Island.
Tilden, Lester - - -	Barre, Vermont.
Tilden, Thomas E. - - -	Baltimore, Maryland.

B.—LIST OF PATENTEES—Continued.

Names of patentees.	Residence.
Tillon, John - - -	New Haven, Connecticut.
Tomlinson, Daniel - - -	Brookfield, Connecticut.
Treadwell, Daniel - - -	Cambridge, Massachusetts.
Trovillo, James N. - - -	Christiansburg, Virginia.
Turner, John L. - - -	Philadelphia, Pennsylvania.
Vannini, Joseph - - -	New York.
Vrooman, John N. - - -	Danube, New York.
Ward, Allen D. - - -	Minerva, Kentucky.
Warner, Samuel - - -	{ Lowell, Vermont. Westfield, Vermont. Watervliet, New York.
Jere Hodgkin - - -	
William E. Traver - - -	
Warren, J. Wright, jr. - - -	Boston, Massachusetts.
Waterman, Henry - - -	New York.
Webb, Constant - - -	Wallingford, Connecticut.
Wells, Thomas J. - - -	New York.
Welsh, Elijah W. - - -	Paris, Virginia.
West, Ammi - - -	Greene, Maine.
Wheatstone, Charles, and William F. Cooke - - -	Great Britain.
Wheeler, Charles R. - - -	Boston, Massachusetts.
Whipple, Milton D. - - -	East Douglass, Massachusetts.
White, Samuel - - -	England.
Whitman, Luther W. - - -	Winthrop, Maine.
Whitney, Asa - - -	Rotterdam, New York.
Whitney, Baxter D., and George W. Lawton - - -	Winchendon, Massachusetts.
Wier, John - - -	New York.
Willerd, Julius - - -	Baltimore, Maryland.
Williams, Daniel, (reissue) - - -	Troy, New York.
Williams, Thomas R. - - -	Newport, Rhode Island.
Williams, Thomas Robinson - - -	Citizen U. S., now in London.
Williams, William Morrett - - -	England.
Williamson, Peregrine, (reissue) - - -	New York.
Williston, John P., and Willard A. Arnold - - -	Northampton, Massachusetts.
Winans, Norman T., and Thaddeus Hyatt - - -	New York.
Winans, Ross - - -	Baltimore, Maryland.
Winslow, Humphrey - - -	Swansey, Massachusetts.
Winslow, Seth E. - - -	Philadelphia, Pennsylvania.
Withey, William P. - - -	Hartford, Connecticut.
Wolcott, Alexander S. - - -	New York.
Wood, Loftis - - -	New York.
Woodard, Abijah - - -	Athol, Massachusetts.
Woodward, Thomas - - -	Brooklyn, New York.
Woodward, Thomas - - -	Brooklyn, New York.
Worley, Joseph - - -	Hawkins county, Tennessee.

B.—LIST OF PATENTEES—Continued.

Names of patentees.	Residence.
Wyeth, Nathaniel J. - -	Cambridge, Massachusetts.
Wyeth, Nathaniel J. - -	Cambridge, Massachusetts.
Wyeth, Nathaniel J. - -	Cambridge, Massachusetts.
Wyeth, Nathaniel J. - -	Cambridge, Massachusetts.
Wyeth, Nathaniel J. - -	Cambridge, Massachusetts.
Young, Edward L. - -	Norfolk, Virginia.

AGRICULTURE.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Apples, machine, for grating, corn, &c.	Camm Moore	Guilford county, N. C.	Dec. 30, 1826.
Cabbage, machine for cutting	F. Berkeymeger & J. Dangler	Greenwich, Penn.	Nov. 14, 1826.
Corn-husking machine	Howlet Bushnell	Norwich, Conn.	Nov. 14, 1826.
Corn-sheller, improvement on Pillsbury's	Jeremiah Dodson	Guilford, N. C.	June 15, 1826.
Corn-sheller	Elijah Russell	Greensburg, N. C.	October 24, 1826.
Cotton-cleaner	Jesse Reed	Marshfield, Mass.	Feb. 3, 1826.
Cotton-gin	Isaac B. Barnes	Beaufort, S. C.	Nov. 6, 1826.
Cotton-gin, propelling	Peter Knox	Augusta, Ga.	Dec. 7, 1826.
Cultivator, tooth for, and harrows	Waldren Beach	Philadelphia, Penn.	April 13, 1826.
Dairy-cooler	David Whitmer	Paradise Penn.	Dec. 7, 1826.
Fanning-mill	Ovid Pinney & James Olmstead	Caledonia, N. Y.	Nov. 7, 1826.
Flax, dressing	Joseph Hines & William Bain	New York	August 12, 1826.
Harrow, cleave	Lemuel Tain	Sussex county, Del.	July 11, 1826.
Planting-machine, cotton	Francis H. Smith	Richmond, Va.	Feb. 15, 1826.
Planting and working corn	William Ross	Middle Baxton, Penn.	June 24, 1826.
Planting corn, cotton, &c.	John Lobdell	Warren county, Miss.	Dec. 26, 1826.
Plough	Stephen McCormick	Fauquier, Va.	Jan. 28, 1826.

C.—LIST OF PATENTS EXPIRED IN THE YEAR 1840—Continued.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Plough, hill-side, double-nose, cast-iron	John Shephard	De Ruyter, N. Y.	April 12, 1826.
Plough, cast-iron	Thaddeus Fairbanks	St. Johnsbury, Vt.	April 19, 1826.
Plough	William Cocke	Luzerne townsh'p, Penn.	April 28, 1826.
Plough	Z. S. Holbridge & H. S. Lawson	Byrne, N. Y.	August 9, 1826.
Rice-machine, cleaning and hulling	John L. Norton	New York	March 10, 1826.
Smut-machine	Lemuel V. & Cornelius Masten	Penn Yan, N. Y.	April 25, 1826.
Thrashing-machine	William Small	Augusta, Me.	Jan. 10, 1826.
Thrashing-machine, and breaking and dressing flax	J. A. Heermance	Red Hook, N. Y.	Jan. 16, 1826.
Thrashing-machine, and hulling clover-seed	Joseph Potter	Reading, Penn.	Feb. 18, 1826.
Thrashing-machine, and breaking flax and hemp	D. Hulburt, N. Etheridge, & J. A. Combs	Herkimer, N. Y.	Feb. 21, 1826.
Thrashing-machine	John Shaw	Kennebec, Me.	May 10, 1826.
Thrashing-machine	Seth Ballou	Livermore, Me.	May 25, 1826.
Thrashing-machine	Pearson Reading	Trenton, N. J.	June 3, 1826.
Thrashing and cleaning-machine	Archibald Douglass	Marcellus, N. Y.	Sept. 8, 1826.
Thrashing and winnowing-machine	Sylvanus C. Hersey	Rochester, N. Y.	Nov. 7, 1826.
Thrashing-machine	James Hyde	Pembroke, N. Y.	Dec. 9, 1826.
Tobacco, curing and drying	Edmund Pendleton	Louisa county, Va.	Dec. 18, 1826.

Auger, mode of turning any number	-	Hardin Branch	-	New York	August 7, 1826.
Auger -	-	J. H. Schreiner	-	Philadelphia, Penn.	August 17, 1826.
Auger, set for wheel-hubs	-	Sheldon Caswell	-	Windham, Conn.	Nov. 20, 1826.
Bands, iron-keyed	-	Edward Cooper	-	Richmond, Va.	Sept. 14, 1826.
Bells, improvement in	-	H. Tyler	-	Utica, N. Y.	Oct. 20, 1826.
Bolts, racks for doors	-	John Brown & George W. Robinson	-	Providence, R. I.	March 24, 1826.
Braiding-machine	-	John Thorp	-	Providence, R. I.	July 10, 1826.
Brooms, machine for making hickory	-	Adam Selater	-	Oxford township, Penn.	Feb. 15, 1826.
Cables, chain	-	Erastus Bartholomew	-	Boston, Mass.	May 17, 1826.
Carding-machine	-	Elijah Thompson	-	Lowell, Mass.	June 9, 1826.
Carding-machine	-	James H. Arnold	-	Bellemont, O.	Sept. 25, 1826.
Candles, dipping	-	William Day	-	Gardiner, Me.	March 11, 1826.
Chest, fire-proof	-	Jesse Delano	-	New York	March 7, 1826.
Cloth, singeing	-	A. Roberson	-	New Bedford, Mass.	Sept. 8, 1826.
Composition applied before carding	-	Ziba Parkhurst	-	Grafton, Mass.	August 9, 1826.
Cordage, manufacturing	-	Erastus Bartholomew	-	Boston, Mass.	May 17, 1826.
Drying hair of seal-skins	-	Joseph Herring	-	New York	Nov. 16, 1826.
Fur-cutting machine	-	Jer. Hubbard	-	Jameston, N. C.	Nov. 4, 1826.
Glass-knobs, for doors, &c.	-	Henry Whiney & E. Robinson	-	Cambridge, Mass.	Nov. 4, 1826.
Glass-knobs, mode of fastening	-	William Price	-	Pitt, Penn.	Nov. 14, 1826.
Gun-stocks, crooking	-	John Schirer	-	Charleston, S. C.	Nov. 12, 1826.
Hats, pressing leghorn, straw and other	-	R. Tyler & B. P. Coston	-	Philadelphia, Penn.	May 23, 1826.
Hats, finishing	-	J. Cooper & P. Barnet	-	Philadelphia, Penn.	May 31, 1826.
Hats, manufacturing by steam	-	William Harkins	-	Wheeling, Va.	Dec. 29, 1826.
Jenny, vertical	-	James Matthews	-	Schenectady, N. Y.	May 2, 1826.
Lathe, turning	-	John Hunt	-	Shutesbury, Mass.	June 8, 1826.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Loom, wire-power	John S. Gustin	New York	Feb. 23, 1826.
Loom, carpet	Horace Baker	North Salem, N. Y.	April 14, 1826.
Loom	Roswell Wilcox	Franklin county, O.	April 21, 1826.
Loom	Cornelius Bergen	New York	June 14, 1826.
Loom	Samuel Chidester	Windham, N. Y.	Sept. 2, 1826.
Loom, domestic	Jer. Hubbard	Jamestown, N. C.	Nov. 6, 1826.
Nails, manufacturing	James Kranser	Philadelphia, Penn.	Sept. 23, 1826.
Oakum, picking	Ez. Waterhouse	Gardiner, Me.	April 24, 1826.
Ornamental rolls and stamps for book-binders	David H. Mason	Philadelphia, Penn.	Jan. 26, 1826.
Paper, making	Gardner Burbank	Worcester, Mass.	April 12, 1826.
Picker, tube used in weaving	Benjamin Holbroke	Providence, R. I.	Feb. 21, 1826.
Plane, revolving timber	Daniel M. Smith	Warwick, Mass.	Dec. 28, 1826.
Rollers, callender, heating for glazing	J. Bringham & T. Keyes, junior	West Boylston, Mass.	April 1, 1826.
Roping, or roving, and spinning wool and cotton	William Carmichael	Sand Lake, N. Y.	June 10, 1826.
Roping, or roving, and twisting cotton	William Whitehead, jr.	Paterson, N. J.	June 14, 1826.
Roping, or roving, and spinning wool	J. R. & J. B. Wheeler	Galway, N. Y.	August 28, 1826.
Saw, circular	William Kendall, jr.	Kennebec, Me.	May 18, 1826.
Saw, vertical, for fret-work	E. & C. Boothe	Southbury, Conn.	April 22, 1826.
Saw, circular, reacting	William Avery	Cazenovia, N. Y.	Dec. 8, 1826.
Saw-setting machine	Joseph H. Schreiner	Philadelphia, Penn.	August 19, 1826.
Sifter, revolving coal	Thos. Borbridge & An-son Martin		
Slitting-mill	Tim. Allen	Kingston town 'p, Penn.	Dec. 20, 1826.
Spinning-machine, horizontal	J. S. & B. J. Billings	Plymouth, Mass.	April 5, 1826.
		Moreau, N. Y.	Jan. 16, 1826.

Spinning-machine, called the fancy-spinner	J. R. & J. B. Wheeler -	Galway, N. Y.	March 3, 1826.
Spinning-machine, for wool and cotton, by hand	George W. Robinson -	Providence, R. I.	March 16, 1826.
Spinning-machine, or splicing cotton and woollen rolls	Gardner Barton, jr. -	Shaftsbury, Vt.	April 22, 1826.
Spinning-machine, horizontal, improvement on Calvin Merrill's	D. Hunt & S. Wheeler -	Knox, N. Y.	May 2, 1826.
Spinning-machine, family	J. Watt, F. A. Priest, & G. Freeman -	Jefferson county, O.	May 20, 1826.
Spinning-machine, for wool	J. Corrill & W. P. Rogers -	Harpersfield, O.	June 15, 1826.
Spinning-machine, flax and hemp	W. Hunt & W. Hoskins -	Martinsburg, N. Y.	June 22, 1826.
Spinning-machine, cotton and wool	Joseph Hathaway -	Poultney, N. Y.	July 24, 1826.
Spinning-machine, and reeling wool and cotton	Joseph Woodhull -	Chester, N. Y.	Nov. 14, 1826.
Spinning-machine, domestic	Lafford Totten -	Schoharie, N. Y.	Nov. 22, 1826.
Spinning-machine, wool and cotton	Seth Boyden -	Foxborough, Mass.	Dec. 7, 1826.
Spinning-machine, wool and cotton	Seth Boyden -	Foxborough, Mass.	Dec. 29, 1826.
Spoons, manufacturing	William Gale -	New York	Dec. 7, 1826.
Suspenders, manufacturing	Benjamin Wildes -	Utica, N. Y.	August 19, 1826.
Temple for weaving	Orsemas M. Stillman -	Brookfield, N. Y.	January 30, 1826.
Throstle, bobbin or spool	Thomas Van Riper -	Paterson, N. J.	August 16, 1826.
Twine, laying and twisting seine	Joseph Clarkson -	Baltimore, Md.	August 16, 1826.
Tire, bending	Walter Janes -	Ashford, Conn.	June 19, 1826.
Umbrella and parasol, manufacturing	William Sleeper -	Philadelphia, Penn.	Nov. 22, 1826.
Wire, harness, improvement on Chandler's and Brown's	Ezra Brown -	Cazenovia, N. Y.	April 12, 1826.
Wool, manufacturing	John Goulding -	Dedham, Mass.	Dec. 15, 1826.

NAVIGATION.

Bilge-lever, for supporting ships	John Thomas	New York	Nov. 6, 1826.
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C.—LIST OF PATENTS EXPIRED IN THE YEAR 1840—Continued.

Inventions or discoveries.	Names of patentees.	Residence.	When issued.
Dock, railway -	John Thomas	New York	Feb. 24, 1826.
Dock, dry -	Alanson Place	New York	April 1, 1826.
Dock, buoyant -	Maximin Isnard	New York	June 22, 1826.
Dock, carrying and lifting trunk	James Barron	Norfolk, Va.	August 2, 1826.
Dock, dry, floating -	John Floyd	Kittery, Me.	August 17, 1826.
Mud-machine -	Samuel Collins	New York	Sept. 26, 1826.
Paddles of wheels of boats	William F. Kearsing	New York	Dec. 8, 1826.
Plugs, machine for cutting, for waists and decks of ships -	Chris. Josselyn	New York	June 28, 1826.
Propelling boats -	Chauncy Crafts	Woodbury, Conn.	March 29, 1826.
Propelling boats and vessels	John G. Giraud	Baltimore, Md.	Dec. 12, 1826.
Pumping ships by wheel-power -	S. Town & R. M. Oli- phant	North Granville, N. Y.	April 8, 1826.
Railway, sub-marine	John Thomas	New York	Nov. 6, 1826.
Railway, marine	Richard Ward -	New York	Dec. 28, 1826.
Raising vessels for repair	Benjamin Waterhouse -	New York	April 15, 1826.
Raising canal-boats -	Seth C. Jones -	Rochester, N. Y.	June 16, 1826.
Raising boats and vessels	Alfred Warner -	Rochester, N. Y.	Nov. 16, 1826.
Steering vessels -	S. G. Clark & G. Stimson	Philadelphia, Pa.	April 26, 1826.
Steering-wheel -	R. Kingsbury & E. Rowse	Charlestown, Mass.	July 10, 1826.
Steamboat for shallow water	Benjamin Phillips	New York	April 28, 1826.
Ways, for drawing up vessels	Amasa Miller -	New London, Ct.	Feb. 8, 1826.
Weighing canal-boats -	Benjamin Bull	New York	June 20, 1826.
Wheel, steering	John M. Brown	Boston, Mass.	March 24, 1826.
Wheel for steamboats -	John J. Giraud	Baltimore, Md.	Sept. 15, 1826.
Wheel for propelling boats	Benjamin Raymond, jr.	Beverly, Mass.	Nov. 13, 1826.

Canals, machine for digging	-	Jer. Brainard	-	Rome, N. Y.	Feb.	10, 1826.
Canals, machine for excavating	-	Lot Forrester	-	Ridgefield, Ct.	May	10, 1826.
Carts, wagons, &c., machine for loading	-	Noah Osborn	-	Fairfield, Ct.	May	23, 1826.
Cellars, vaults	-	Henry Hallack	-	New York	October	24, 1826.
Earth, machine for removing	-	William H. Doll	-	Harrisburg, Pa.	May	29, 1826.
Earth, machine for removing	-	Pierson Reading	-	Trenton, N. J.	June	1, 1826.
Earth, machine for raising	-	Cyrus Barnard	-	Lynn, Pa.	July	14, 1826.
Gate, paddle, for canal lock	-	Daniel Rogers	-	Little Falls, N. Y.	May	17, 1826.
Locks, canal, preserving	-	Simeon Guilford	-	Lebanon, Pa.	July	10, 1826.
Railways, forrest	-	Henry Pinkins & T. R. Williams	-	London, England	April	27, 1826.
Railways with lift of 16 feet	-	Ethan Baldwin	-	Harrisburg, Pa.	May	6, 1826.
Railways	-	J. Brown & G. W. Robinson	-	Providence, R. I.	June	6, 1826.
Railways, portable, endless	-	Jer. Price	-	New York	Sept.	15, 1826.
Stumps, machine for raising	-	Abieza H. Whitney	-	Bowdoinham, Me.	May	15, 1826.

COMMON TRADES.

Bedstead, beveled, grooved, and dovetail joint	-	John Mitchell	-	Harrisburg, Pa.	Jan.	11, 1826.
Bedstead, bisected	-	Peter Breasted	-	Green county, N. Y.	Feb.	21, 1826.
Bedstead fastenings	-	Edwin H. Badger	-	Petersburg, Va.	April	3, 1826.
Bedstead	-	William Bell	-	Lexington, Ky.	Nov.	7, 1826.
Bedstead	-	Samuel Davis	-	Catskill, N. Y.	Dec.	26, 1826.
Boots and shoes, manufacturing	-	John Trask	-	Hatfield, Mass.	April	5, 1826.
Boots and shoes, manufacturing	-	Elijah Thayer	-	Leicester, Mass.	June	9, 1826.

C.—LIST OF PATENTS EXPIRED IN THE YEAR 1840—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Boot-tree, screw -	George Nichol -	Madison, Va.	Sept. 8, 1826.
Boring machine and tenoning -	Admiral Warren	Saugerties, N. Y.	April 17, 1826.
Boring and reaming out, and setting boxes into hubs -	Eben Johnson	Lexingt'n Heights, N. Y.	Nov. 7, 1826.
Bread, biscuit, &c., machine -	Ephraim Treadwell	New York	May 18, 1826.
Brick-moulding machine -	David Watson	Fayetteville, Me.	May 6, 1826.
Brick-moulding machine -	Ezra Fisk	Fayette, Me.	June 9, 1826.
Bridles -	Daniel H. Reed	New York	Oct. 24, 1826.
Dresses for boys -	Charles Herwick	New York	May 16, 1826.
Felloes, machine for sawing -	Phœbe Collier, widow of James	Catskill, N. Y.	May 20, 1826.
Felloes, machine for sawing -	Barnabas Ruggles	Poultney, Vt.	June 29, 1826.
Hides, breaking -	Hez. S. Clarke	Randolph county, N. C.	Dec. 22, 1826.
Jointing and matching boards -	David Gleeson & H. Frisbee	Bethany, N. Y.	April 8, 1826.
Knife, currier's -	Freeman Palmer	Littleton, N. H.	March 17, 1826.
Knife, currier's, constructing and grinding -	Samuel Brook	New York	Nov. 13, 1826.
Leather, facilitating the sewing of -	Henry Lye	Philadelphia, Pa.	March 10, 1826.
Marble, rubbing and scouring -	Elijah Ferris	Westchester, N. Y.	March 7, 1826.
Measuring and cutting garments -	Stephen Severson	Baltimore, Md.	March 15, 1826.
Mortar, moulding and pressing brick -	John M. Brookings	Wiscasset, Me.	Jan. 23, 1826.
Mortar, tub-mill -	James Parker	Gardiner, Me.	Jan. 28, 1826.
Mortising machine, lever power -	Thomas Green	Manlius, N. Y.	April 12, 1826.
Planing machine -	Herman Allen	Randolph county, N. C.	Dec. 22, 1826.
Saddles -	William H. Collins	Cincinnati, Ohio	May 27, 1826.

Saddle-trees	-	-	George Wilkes -	Fredonia, Ia.	Nov.	22, 1826.
Sawing boards	-	-	William Kendall	Waterville, Me.	Jan.	16, 1826.
Sawing circular timber	-	-	Benjamin Overman	Greensburg, N. C.	Sept.	15, 1826.
Scale for draughting garments	-	-	N. B. Starr	Philadelphia, Pa.	July	10, 1826.
Shaving and smoothing wood	-	-	Abm. Brownson	Lockport, N. Y.	June	21, 1826.
Shingle saving	-	-	Willard Foster	Oswego, N. Y.	June	25, 1826.
Shingle saving machine	-	-	Oliver Goddard	Bridgeton, Me.	April	6, 1826.
Slates, manufacturing	-	-	J. Madison & E. & P. S. Mattes	Easton, Pa.	Dec.	22, 1826.
Slitting timber	-	-	William Barker	Kingston, Pa.	March	25, 1826.
Stock, jubilee	-	-	W. J. Cantello & R. M. Kerrison	New York	Aug.	30, 1826.
Tailoring, art of	-	-	Greenberry Ross	Carlisle, Ky.	April	5, 1826.
Tewell and Waterback	-	-	Asa Blood	Conhocton, N. Y.	Oct.	24, 1826.
Trip-hammer	-	-	Elisia Crowell	Gardiner, Me.	Aug.	4, 1826.
Trip-hammer	-	-	Philip P. Read	Mercer, Me.	Dec.	7, 1826.
Veneer machine	-	-	John P. Allen	Manchester, Mass.	Dec.	7, 1826.
Washing machine	-	-	Oliver Deane	Walpole, Mass.	Jan.	11, 1826.
Washing machine	-	-	Willard Foster	Oswego, N. Y.	Jan.	25, 1826.
Washing machine by steam	-	-	Junius Smith	London, England	Jan.	28, 1826.
Washing machine	-	-	Edward Thruston	Burlington, Vt.	March	2, 1826.
Washing machine	-	-	Richard V. Mudge	Durham, N. Y.	April	12, 1826.
Washing machine, rocking	-	-	John G. Philip	Kinderhook, N. Y.	April	12, 1826.
Washing machine	-	-	S. Church & H. Clark	Utica, N. Y.	July	6, 1826.
Washing machine by steam	-	-	William Burton, jr.	Aimsville, N. Y.	Aug.	16, 1826.
Washing machine	-	-	Burroughs Beach	New Milford, Ct.	Nov.	24, 1826.
Washing machine	-	-	David D. Dunham	New Brunswick, N. J.	Dec.	7, 1826.
Window-shutters, fire-proof	-	-	J. Brown & George W. Robinson	Providence, R. I.	March	16, 1826.

WHEEL CARRIAGES.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Carriages, retarding, descending hills	Ezra Slifer	Boonsborough, Md.	Jan. 16, 1826.
Hubs, blocks, &c., bushing	T. & D. Curtis	Washington, D. C.	Jan. 23, 1826.
Hubs	Garretson Lyon	New York	Dec. 28, 1826.
Springs for wagons	Walter Janes	Ashford, Ct.	June 6, 1826.

HYDRAULICS.

Bucket, well-emptying	Elijah Willard	Egremont, Mass.	June 15, 1826.
Engine, fire	George Shalk & Wm. Tintaff	-	-
Ladder, fire	Seth Lehman	Lebanon, Pa.	Sept. 23, 1826.
Liquors, mode of elevating	John A. Smith	Philadelphia, Pa.	Aug. 9, 1826.
Pipes, clay	John Bower	New London, Ct.	Aug. 7, 1826.
Pump	Sylvanus Russell	E. Bethlehem, Pa.	Dec. 1, 1826.
Pump	Theodorick Brooks	Olean, N. Y.	Feb. 4, 1826.
Valve, relieving	Wm. Lanphier	Rutland, N. Y.	April 13, 1826.
Water, raising from wells	Jer. Dexter	Alexandria, D. C.	Sept. 2, 1826.
Water, raising for domestic purposes	Liscomb Knapp	Salisbury, Ct.	Sept. 27, 1826.
Water, raising from wells	Elijah Willard	Brighton, N. Y.	Jan. 22, 1826.
Water, raising from wells	Isaac Willbur	Egremont, Mass.	Oct. 23, 1826.
Water, raising from wells	-	Madison, N. Y.	Dec. 28, 1826.

Chimneys, improvement in	-	A. G. D. Tuthill	Utica, N. Y.	June	8, 1826.
Distilling all kinds of liquors	-	Norman & A. Walcott	Bloomfield, N. Y.	Dec.	8, 1826.
Distilling	-	Samuel Harwood, 3d	Braintree, N. Y.	April	15, 1826.
Evaporating liquids	-	Charles Sholes	Phelps, N. Y.	July	26, 1826.
Furnace, stoves, &c., constructing	-	Social Rolph	Wailes, N. Y.	Nov.	8, 1826.
Furnace for anthracite coal	-	William Church	Boston, Mass.	Nov.	20, 1826.
Furnace and fire-places	-	J. W. Boot & Wm. Lynn	Boston, Mass.	Dec.	29, 1826.
Furnace for heating iron hoops	-	Garret Post	Auburn, N. Y.	May	22, 1826.
Gas or vapor engine	-	Samuel Morey	Oxford, N. H.	April	1, 1826.
Gauge sight for steam-boilers	-	William Barker	Kingston, Pa.	March	24, 1826.
Grates and blower for Lehigh coal	-	S. C. Mott & W. Holmes	New York	Nov.	26, 1826.
Heat, evolution and management of	-	Eliphalet Nott	Schenectady, N. Y.	March	23, 1826.
Heat, evolution and management of	-	Eliphalet Nott	Schenectady, N. Y.	June	21, 1826.
Heat, evolution and management of	-	Eliphalet Nott	Schenectady, N. Y.	Dec.	29, 1826.
Heating and boiling water	-	George J. Payne	Lockport, N. Y.	Dec.	27, 1826.
Kiln, brick, covering	-	Samuel R. Bakewell	Wellsburg, Va.	May	10, 1826.
Kitchen summary	-	John Boins	Baltimore, Md.	Jan.	19, 1826.
Mash machine for distilleries	-	Worham Whitney	Rochester, N. Y.	Jan.	19, 1826.
Pump, steam	-	G. W. Long	Old Point Comfort, Va.	Feb.	16, 1826.
Refrigerator for distilleries	-	L. C. & P. Bodman	Baltimore, Md.	Jan.	6, 1826.
Salt, manufacturing, by steam	-	Stephen T. Conn	Georgetown, D. C.	July	12, 1826.
Steam, application to blast furnaces	-	Cotton Foss	Madison, Ohio	Aug.	2, 1826.
Steam, application and working twice over	-	Joseph H. Laning	Nashville, Tenn.	Aug.	12, 1826.
Steam-engine	-	George Deming	Magura, N. Y.	March	10, 1826.
Steam-engine, rotary	-	S. Fairlamb and E. Bruce, jr.	New York	May	25, 1826.
Steam-engine	-	Joseph Eve	London, England	Aug.	16, 1826.
Steam-engine	-	Elisha Bilelow	Baltimore, Md.	Nov.	6, 1826.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Steam-engine, rotary - - -	Elijah H. Read -	Lancaster, Ky. -	Nov. 10, 1826.
Steam-engine, two cylinder, atmospheric - -	William Willis -	Charleston, S. C. -	Nov. 14, 1826.
Steam-engine - - -	John McCurdy -	London, England -	July 1, 1826.
Steam, generating, by anthracite coal - -	D. Collings and J. D. Gallup -	Wilkesbarre, Pa. -	Oct. 12, 1826.
Steam, generating - - -	Daniel Phelps -	Bath, N. Y. -	Nov. 14, 1826.
Still, steam - - -	James G. Foley -	Harrisburgh, Pa. -	Feb. 23, 1826.
Stone-ware, burning without salt - - -	Sanford S. Perry -	Troy, N. Y. -	Sept. 12, 1826.
Stoves, cooking - - -	David Little -	Hagerstown, Md. -	Feb. 1, 1826.

MILLS.

Bark-mill - - -	Cotton Foss -	Madison, Ohio -	Oct. 25, 1826.
Grinding corn - - -	Jarvis Webster -	Philadelphia, Pa. -	July 31, 1826.
Grist-mill, family - - -	David Flagg, jr. -	Gardiner, Me. -	Feb. 23, 1826.
Grist-mill, improvement on Bicknell's - -	Moody Strickman -	Hampton, N. H. -	April 18, 1826.
Grist-mill - - -	Francis Harris and J. Wilson -	Albany, N. Y. -	June 9, 1826.
Grist-mill - - -	Isaac Ryon -	Bridgewater, Mass. -	June 29, 1826.
Grist-mill - - -	Jedediah Winthrop -	Woodbridge, Ct. -	July 31, 1826.
Grist-mill - - -	Moses Mendenhall -	Greensburg, N. C. -	Oct. 20, 1826.
Grist-mill, improvement on Bicknell's - -	James Bemis -	Worcester, Mass. -	Nov. 17, 1826.
Horse-mill - - -	Admiral Warren -	Saugerties, N. Y. -	April 15, 1826.

Motion, extending and multiplying power	-	William Kendall, jr.	-	Waterville, Me.	-	Jan.	16, 1826.
Pendulum and lever-power	-	A. & C. Berry	-	Poughkeepsie, N. Y.	-	March	25, 1826.
Pendulum, motion for machinery	-	Justin Jacob	-	Montreal, Canada	-	Dec.	29, 1826.
Saw-mill	-	Israel Johnson, jr.	-	Villanova, N. Y.	-	Feb.	8, 1826.
Saw-mill, sawing timber by steam-power	-	Reuben Nichols	-	New Orleans, La.	-	July	21, 1826.
Saw-mill, horse	-	Solomon R. Johnson	-	New York	-	Oct.	25, 1826.
Saw-mill, locomotive steam	-	William G. Berry & J. T. Osborn	-	Cincinnati, Ohio	-	Nov.	26, 1826.
Stone-mill, concave and convex	-	J. Sawyer & E. Clark	-	Royalston, Mass.	-	March	18, 1826.
Water, letting on water-wheels	-	Thomas Key	-	Henry county, Ga.	-	July	18, 1826.
Water, steam, and wind, applied as a power	-	Isaac Garretson	-	Bellefontaine, Ohio	-	March	25, 1826.
Wheel, cog, suspended by machinery	-	James Cooper	-	Staunton, Va.	-	March	22, 1826.
Wheel, water, conical	-	Roswell Wilcox	-	Franklin county, Ohio	-	April	19, 1826.
Wheel, inclined horse	-	Elias Holliday	-	Schoharie, N. Y.	-	May	6, 1826.
Wheel, relieving from back water	-	D. Benedict	-	Fabius, N. Y.	-	May	10, 1826.
Wheel, water, and flumes	-	Asa Messer	-	Providence, R. I.	-	May	18, 1826.
Wheel, water, applying a head of water, &c.	-	D. McKenzie, M. L. Barbour, S. Dean, & J. McNaughton	-	Caledonia, N. Y.	-	June	19, 1826.
Wind-mill	-	William Coburn	-	Gardiner, Me.	-	June	2, 1826.
Wind-mill	-	Moses Padley	-	Ontario, N. Y.	-	Aug.	31, 1826.

LEVER AND SCREW POWER.

Brick press, spiral moulding	-	James Parker	-	Gardiner, Me.	-	March	28, 1826.
Brick press	-	Julius Willard	-	Baltimore, Md.	-	May	2, 1826.
Brick press	-	Ephraim Mayo	-	Hallowell, Me.	-	June	24, 1826.
Brick press, self-feeding	-	John Winslow	-	Portland, Me.	-	Dec.	8, 1826.
Cheese press	-	Lebbeus Caswell	-	Harrison, Me.	-	Dec.	18, 1826.

C.—LIST OF PATENTS EXPIRED IN THE YEAR 1840—Continued.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Cotton packing -	Charles Williams -	Petersburg, Va. -	June 3, 1826.
Cotton packing -	James H. McClelland -	Fairfield district, S. C. -	Dec. 28, 1826.
Cotton press -	Gideon Glenn -	Lewisburg, N. C. -	April 12, 1826.
Cotton press -	J. Botturwright & J. Mathews -	Richland, S. C. -	Nov. 21, 1826.
Cotton and tobacco press -	David Flagg & Charles Peck -	Gardiner, Me. -	Dec. 30, 1826.
Hay press, cider and oil -	Nathan Whitney -	Augusta, Me. -	Feb. 15, 1826.
Hay press, hops, &c. -	Joseph Wilson -	Osego, N. Y. -	Feb. 17, 1826.
Hay press, double box -	Ez. Waterhouse -	Gardiner, Me. -	Nov. 14, 1826.
Hay press, cotton, &c. -	David Flagg & Charles Peck -	Gardiner, Me. -	Dec. 30, 1826.
Lever bottom press -	Emanuel Vencar -	Halifax, N. C. -	May 10, 1826.
Oil-press -	William H. Hoegg -	Ashtabula, Ohio -	May 21, 1826.
Printing-press, power -	Daniel Treadwell -	Boston, Mass. -	March 2, 1826.
Printing-press -	David Phelps -	Boston, Mass. -	Sept. 15, 1826.
Printing-press -	Samuel Fairlamb -	New York -	Nov. 4, 1826.
Screw for propelling machinery -	William H. Godfrey -	Rochester, N. Y. -	Nov. 27, 1826.
Vice, perpetual lever -	Calvin Wing -	Gardiner, Me. -	March 2, 1826.
ARMS.			
Cannon, method of discharging -	Hy. Whitcomb -	Adams, N. Y. -	Oct. 25, 1826.
Cartonade, screw-box, elevating, and cap -	Enoch Hidden -	New York -	April 26, 1826.

Fire arms	-	-	-	Fordyce Ruggles	-	Hardwick, Me.	Nov.	24, 1826.
Lock, rifle	-	-	-	Joseph Medberry & S. Kellogg	-	Rochester, N. Y.	June	16, 1826.
Sponges for artillery	-	-	-	John Gether	-	Philadelphia, Penn.	May	16, 1826.

SURGERY.

Cataract, instrument for operating on the	-	-	-	Thomas R. Williams	-	Philadelphia, Penn.	June	14, 1826.
Lythontripter	-	-	-	Isaiah Lukens	-	Philadelphia, Penn.	Dec.	30, 1826.
Truss, spiral-spring	-	-	-	Bela Farr	-	Norwich, N. Y.	March	21, 1826.

MATHEMATICAL INSTRUMENTS.

Genealogy, chronology, represented by lines	-	-	-	Hy. Bostwick	-	New York	August	2, 1826.
Globes, artificial	-	-	-	William B. Annin	-	Boston, Mass.	May	4, 1826.
Lotteries, scheme	-	-	-	Edward Grattan	-	Providence, R. I.	May	16, 1826.
Lotteries, drawing	-	-	-	William C. Conine	-	Baltimore, Md.	Nov.	14, 1826.
Lotteries, drawing	-	-	-	John C. Rives	-	Washington, D. C.	Dec.	22, 1826.

HOROLOGY.

Clocks, wooden wheel, 30 hours	-	-	-	Eli Terry	-	Plymouth, Conn.	March	4, 1826.
Clocks, wooden wheel, 30 hours	-	-	-	Eli Terry	-	Plymouth, Conn.	March	4, 1826.
Clocks, wooden wheel, 30 hours	-	-	-	Eli Terry	-	Plymouth, Conn.	July	5, 1826.

CHEMICAL COMPOSITIONS.

Inventions or discoveries.	Patentees.	Residence.	When issued.
Cement, water -	Simeon Guilford	Lebanon, Penn.	Jan. 11, 1826.
Lampblack -	Joseph Hastings	Cambridge, Mass.	August 15, 1826.
Ornamenting walls and ceilings	William West	Philadelphia, Penn.	May 20, 1826.
Tanning -	Leonard Jacobs	Richmond, Va.	March 1, 1826.
Tan-vats, constructing -	Aaron Higgins	Florence, Ohio	April 24, 1826.
Tausey essence -	Israel Newton	Norwich, Vt.	Feb. 28, 1826.
Tincture for curing corns	Elisha Smith	New Brunswick, N. J.	Jan. 20, 1826.
Varnish for furniture -	Marcus Curtis	Troy, N. Y.	April 22, 1826.

D.

Statement of receipts for patents, caveats, disclaimers, improvements, and certified copies of papers, in the year 1840.

Amount received for patents, caveats, &c.	-	\$37,575	00
Amount received for office fees	-	481	51
			<hr/>
		38,056	51
Deduct paid on withdrawals	-	7,173	31
			<hr/>
			\$30,883 20

E.

Statement of expenditures, and payments made from the patent fund, by Henry L. Ellsworth, Commissioner, from the 1st January to the 31st December, 1840, inclusive.

Under the act of 3d March, 1839 :

For salaries	-	-	-	\$16,486	37
For contingent expenses	-	-	-	4,525	56
For library	-	-	-	402	98
For temporary clerks	-	-	-	2,115	96
For agricultural statistics and seeds	-	-	-	451	58
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				23,982	45
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Leaving a net balance to the credit of the patent fund	-			\$6,900	75
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F.

Expenditures under the act of 3d March, 1837, for restoring the loss by fire in 1836.

For draughtsmen	-	-	-	-	\$4,650	00
For examiner and register	-	-	-	-	2,000	00
For restoring the records of patents	-	-	-	-	73	69
For restored drawings	-	-	-	-	23	00
For restored models	-	-	-	-	826	00
For freight of models	-	-	-	-	140	74
For stationary	-	-	-	-	151	48
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					\$7,864	91
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PATENT OFFICE, *January 30, 1841.*

H. L. ELLSWORTH,
Commissioner of Patents.

